

Converting Colors

XYZ(74.2005, 78.5667, 93.7786)

Have a look what the booklet for
XYZ(74.2005, 78.5667, 93.7786)
contains.

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Color

**XYZ(74.1492, 78.4145,
93.6655)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE6F0
RGB	222, 230, 240
RGB Percent	87%, 90%, 94%
CMY	0.1294, 0.0980, 0.0588
CMYK	0.07, 0.04, 0.00, 0.06
HSL	213°, 38%, 91%
HSV	213°, 7%, 94%
XYZ	74.1492, 78.4145, 93.6655
YIQ	228.7480, -7.9780, 1.4140

Conversions

Conversions Part 2

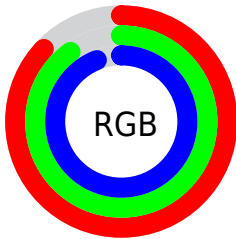
Format	Color
R _Y B	222, 228, 240
Decimal	14608112
CIE Lab	90.97, -0.79, -5.78
CIE LCh	91, 5.836, 262.241
Yxy	78.4145, 0.3011, 0.3185
Android (android.graphics.Color)	4292798192 (0xFFDEE6F0)
YUV	228.7480, 5.5472, -5.9180
Hunter-Lab	88.5520, -5.4985, -0.7274

Details

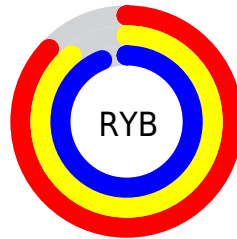
The XYZ color **74.1492, 78.4145, 93.6655** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.9769, 81.5118, 80.7321**, and the grayscale version is **74.2576, 78.1248, 85.0779**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9181, 42.3361, 51.4152** is the 20% darker color. If you saturate the color by 10%, you get **63.7471, 67.7565, 92.1578**, and if you desaturate by 10%, it is **85.8858, 90.1859, 95.3202**.

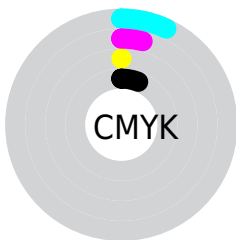
Distribution



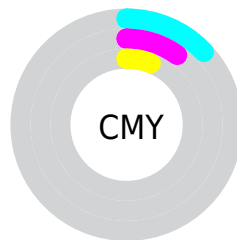
- Red (87%)
- Green (90%)
- Blue (94%)



- Red (87%)
- Yellow (89%)
- Blue (94%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (13%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1492, 78.4145, 93.6655 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 74.1492, 78.4145, 93.6655 by changing the saturation by 10% instead.

■ 74.1492, 78.4145,
93.6655

■ 74.1492, 78.4145,
93.6655

464.0305,
489.5734, 560.7587

■ 55.2079, 58.4145,
70.4340

124.1017,
131.1343, 154.3993

■ 39.8027, 42.1420,
51.4015

155.8435,
164.6229, 192.7388

■ 27.5683, 29.2125,
36.1493

192.5829,
203.3765, 236.9513

■ 18.1392, 19.2416,
24.2589

234.6852,
247.7795, 287.4554

■ 11.1503, 11.8450,
15.3118

282.5157,
298.2163, 344.6696

■ 6.2361, 6.6382,
8.8895

336.4399,

■ 3.0312, 3.2369,

355.0713, 409.0126

4.5733

396.8230,
418.7288, 480.9027

■ 1.1703, 1.2566,
1.9448

■ 0.0827, 0.1072,
0.5210

■ 74.1492, 78.4145,
93.6655

■ 74.1492, 78.4145,
93.6655

■ 63.7471, 67.7565,
92.1578

■ 85.8858, 90.1859,
95.3202

■ 54.6225, 58.1665,
90.7876

■ 92.7284, 99.0714,
96.6747

■ 46.7239, 49.6106,
89.5525

■ 39.9938, 42.0491,
88.4477

■ 34.3695, 35.4391,
87.4682

■ 29.7819, 29.7342,
86.6089

■ 26.1534, 24.8829,
85.8637

■ 23.3934, 20.8265,
85.2262

■ 21.3844, 17.4919,
84.6885

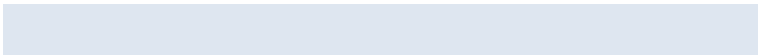
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8110, 78.4145, 91.9496



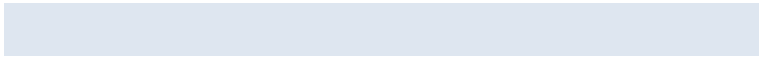
74.1492, 78.4145, 93.6655



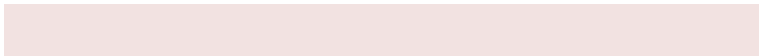
75.6070, 78.4145, 93.1041

Triad

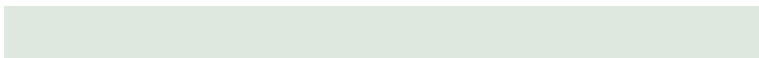
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1492, 78.4145, 93.6655



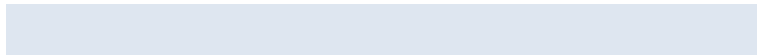
77.1810, 78.4145, 82.3488



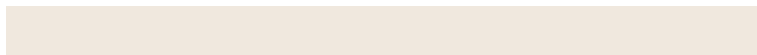
72.3155, 78.4145, 80.5125

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



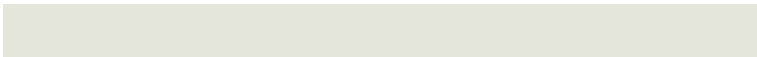
74.1492, 78.4145, 93.6655



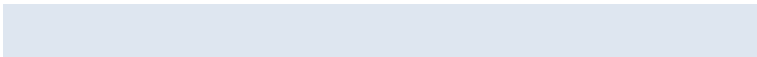
77.9769, 81.5118, 80.7321

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.4645, 78.4145, 78.0955



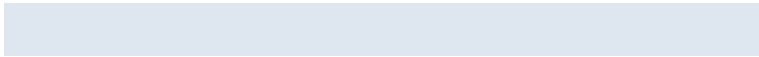
74.1492, 78.4145, 93.6655



76.2771, 78.4145, 79.1311

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



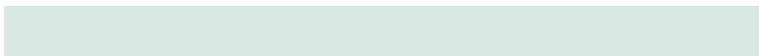
74.1492, 78.4145, 93.6655



77.3701, 78.4145, 86.4790



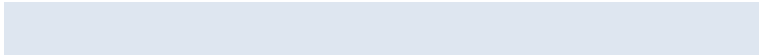
74.9134, 78.4145, 77.5982



71.7615, 78.4145, 84.2905

Rectangle

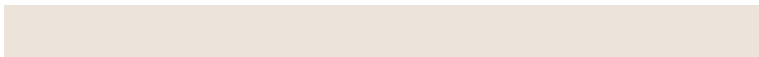
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1492, 78.4145, 93.6655



76.4494, 78.4145, 91.5222



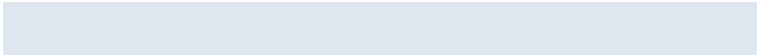
74.9134, 78.4145, 77.5982



72.6442, 78.4145, 79.5191

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



74.1515, 78.4178, 93.6672



92.3016, 97.2517, 108.5144



75.8369, 83.6716, 88.4240



19.7852, 20.8447, 23.2306



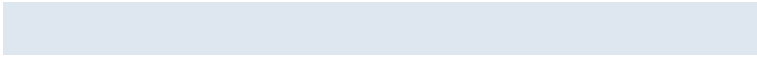
0.0000, 0.0000, 0.0000



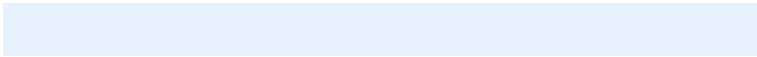
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1515, 78.4178, 93.6672



83.1729, 88.0400, 107.2175



72.2514, 74.2073, 92.9547



15.4758, 16.3857, 20.0687



11.5997, 9.4237, 46.3355



1.0627, 0.9794, 3.8872

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



76.3412, 76.4826, 85.6058



86.1760, 85.4275, 96.1521



79.9765, 85.9635, 81.4860



16.0648, 15.8757, 17.8977



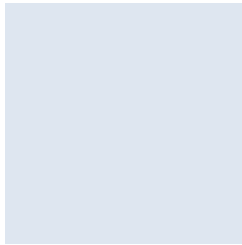
21.1806, 10.7447, 8.8677



1.8113, 0.9136, 0.9974

Previews

White Background



This preview shows how the XYZ color 74.1492, 78.4145, 93.6655 looks on a white background.

Color Contrast Check

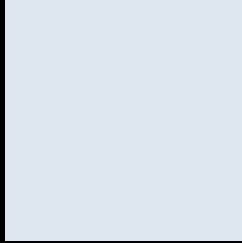
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 74.1492, 78.4145, 93.6655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

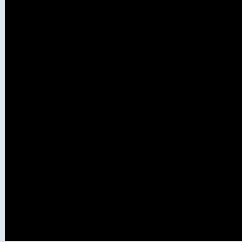
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

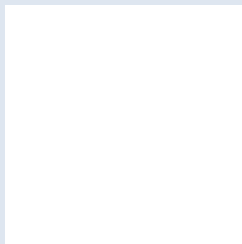
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1492, 78.4145, 93.6655

Background



This preview shows how black text looks on a background with the XYZ color 74.1492, 78.4145, 93.6655.



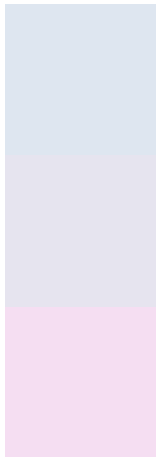
This preview shows how white text looks on a background with the XYZ color 74.1492, 78.4145,

93.6655.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

74.1492, 78.4145, 93.6655

Protanopia

75.9565, 78.5418, 92.8181

Deuteranopia

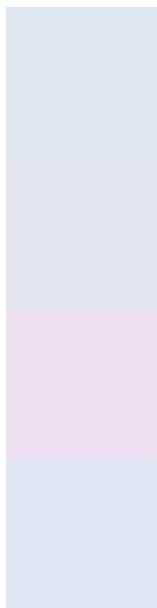
79.8045, 78.0658, 94.8665



Tritanopia

75.2392, 78.4420, 99.1710

Trichromacy



Original Color

74.1492, 78.4145, 93.6655

Protanomaly

75.2779, 78.6015, 92.8654

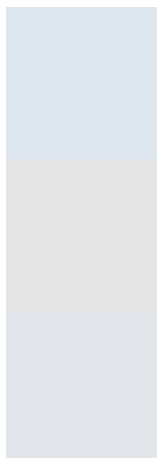
Deuteranomaly

77.7275, 78.2058, 94.2176

Tritanomaly

74.7799, 78.2583, 96.7520

Monochromacy



Original Color

74.1492, 78.4145, 93.6655

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.0913, 78.0906, 88.2587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1492, 78.4145, 93.6655 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(222, 230, 240) looks like.

```
.text, #text, p{  
    color:rgb(222, 230, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(222, 230, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 230, 240) }
```

Border

The CSS property to change the border of an element to XYZ 74.1492, 78.4145, 93.6655 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 230, 240) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(222, 230, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(222, 230, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 230, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 230, 240);  
box-shadow:4px 4px 4px 4px rgb(222, 230,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1492, 78.4145, 93.6655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 230, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(222,  
230, 240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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