

Converting Colors

XYZ(75.0196, 78.8026, 94.7607)

Have a look what the booklet for
XYZ(75.0196, 78.8026, 94.7607)
contains.

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Color

**XYZ(74.9145, 78.7918,
94.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E6F1
RGB	224, 230, 241
RGB Percent	88%, 90%, 95%
CMY	0.1216, 0.0980, 0.0549
CMYK	0.07, 0.05, 0.00, 0.05
HSL	219°, 38%, 91%
HSV	219°, 7%, 95%
XYZ	74.9145, 78.7918, 94.4790
YIQ	229.4600, -7.1070, 2.1490

Conversions

Conversions Part 2

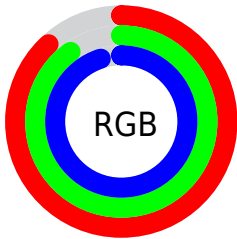
Format	Color
R _Y B	224, 228, 241
Decimal	14739185
CIE Lab	91.14, 0.05, -6.04
CIE LCh	91, 6.037, 270.493
Yxy	78.7918, 0.3018, 0.3175
Android (android.graphics.Color)	4292929265 (0xFFE0E6F1)
YUV	229.4600, 5.6892, -4.7884
Hunter-Lab	88.7647, -4.6902, -0.9715

Details

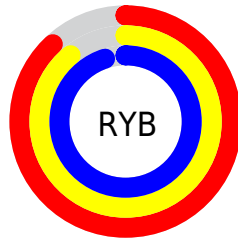
The XYZ color **74.9145, 78.7918, 94.4790** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.4388, 83.4987, 82.4524**, and the grayscale version is **74.7800, 78.6744, 85.6764**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4491, 42.5977, 51.9892** is the 20% darker color. If you saturate the color by 10%, you get **63.8226, 66.9207, 92.7735**, and if you desaturate by 10%, it is **87.4577, 91.9913, 96.3669**.

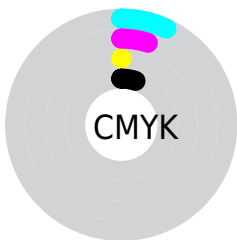
Distribution



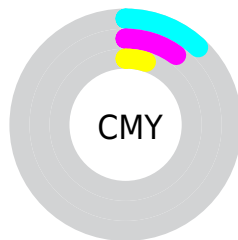
- Red (88%)
- Green (90%)
- Blue (95%)



- Red (88%)
- Yellow (89%)
- Blue (95%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (12%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9145, 78.7918, 94.4790 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 74.9145, 78.7918, 94.4790 by changing the saturation by 10% instead.

■ 74.9145, 78.7918,
94.4790

■ 74.9145, 78.7918,
94.4790

466.6254,
490.8517, 563.4374

■ 55.8368, 58.7246,
71.1069

125.1799,
131.6657, 155.5340

■ 40.3086, 42.3915,
51.9471

157.0982,
165.2413, 194.0540

■ 27.9645, 29.4080,
36.5810

194.0275,
204.0884, 238.4604

■ 18.4392, 19.3897,
24.5900

236.3331,
248.5915, 289.1718

■ 11.3674, 11.9522,
15.5556

284.3803,
299.1350, 346.6066

■ 6.3836, 6.7111,
9.0593

338.5345,

■ 3.1226, 3.2821,

356.1033, 411.1835

4.6825

399.1611,
419.8807, 483.3209

■ 1.2189, 1.2807,
2.0068

■ 0.1212, 0.1262,
0.5594

■ 74.9145, 78.7918,
94.4790

■ 74.9145, 78.7918,
94.4790

■ 63.8226, 66.9207,
92.7735

■ 87.4577, 91.9913,
96.3669

■ 54.1206, 56.3250,
91.2396

■ 92.8774, 99.1310,
97.4593

■ 45.7529, 46.9624,
89.8735

■ 38.6573, 38.7846,
88.6690

■ 32.7663, 31.7396,
87.6197

■ 28.0057, 25.7711,
86.7186

■ 24.2922, 20.8172,
85.9581

■ 21.5297, 16.8077,
85.3298

■ 19.5973, 13.6587,
84.8238

Harmonies

Analogous

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



73.4521, 78.7918, 93.3207



74.9145, 78.7918, 94.4790



76.3893, 78.7918, 93.2442

Triad

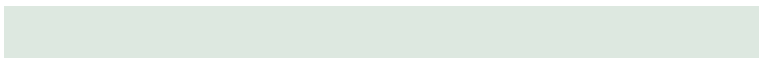
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9145, 78.7918, 94.4790



77.4484, 78.7918, 81.5935



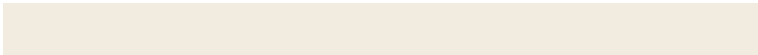
72.3624, 78.7918, 81.7147

Complementary

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



74.9145, 78.7918, 94.4790



79.4388, 83.4987, 82.4524

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.



73.4089, 78.7918, 78.7457



74.9145, 78.7918, 94.4790



76.3450, 78.7918, 78.6774

Square

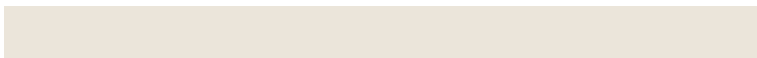
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9145, 78.7918, 94.4790



77.8644, 78.7918, 85.7186



74.8640, 78.7918, 77.6524



71.9908, 78.7918, 85.8632

Rectangle

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



74.9145, 78.7918, 94.4790



77.1780, 78.7918, 91.2535



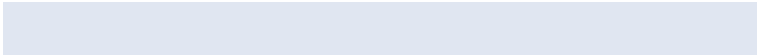
74.8640, 78.7918, 77.6524



72.6462, 78.7918, 80.5507

Sweetspot

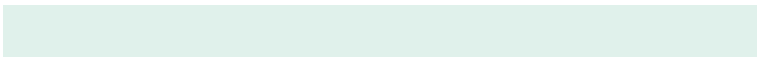
The Sweet Spot groups the original color and five complimentary colors.



74.9168, 78.7951, 94.4807



92.1551, 96.9587, 108.4655



77.1588, 84.7439, 90.7124



19.7553, 20.7851, 23.2207



0.0000, 0.0000, 0.0000



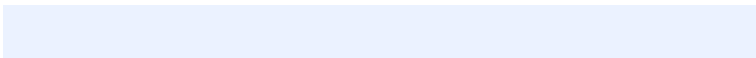
20.3446, 21.4041, 23.3091

Same Dimension

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



74.9168, 78.7951, 94.4807



83.8729, 88.2018, 107.2118



73.9820, 75.8756, 93.9665



15.3539, 16.1420, 20.0281



10.4908, 7.2058, 45.9658



0.9631, 0.7802, 3.8540

Inverse Universe

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



77.2160, 77.7269, 85.7998



86.8315, 86.8469, 96.0368



80.4177, 86.5981, 82.9991



16.0033, 15.8510, 17.5738



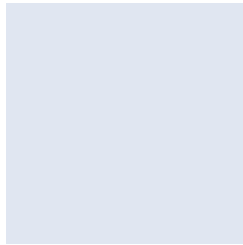
20.6209, 10.5208, 5.9201



1.7611, 0.8935, 0.7327

Previews

White Background



This preview shows how the XYZ color 74.9145, 78.7918, 94.4790 looks on a white background.

Color Contrast Check

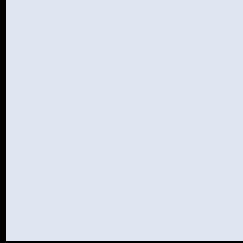
Large Text (above 18pt) WCAG AA × Fail

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 74.9145, 78.7918, 94.4790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

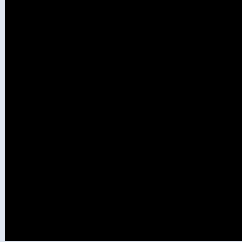
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

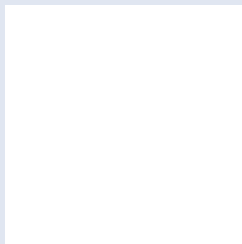
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9145, 78.7918, 94.4790

Background



This preview shows how black text looks on a background with the XYZ color 74.9145, 78.7918, 94.4790.



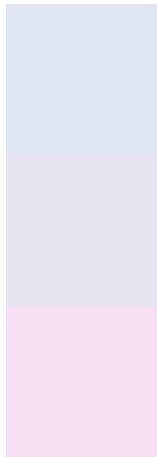
This preview shows how white text looks on a background with the XYZ color 74.9145, 78.7918,

94.4790.

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

74.9145, 78.7918, 94.4790

Protanopia

76.1047, 78.6011, 93.5985

Deuteranopia

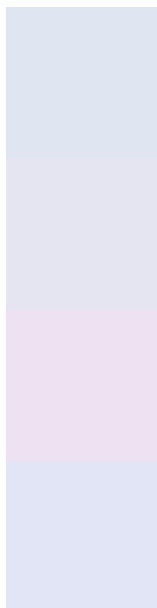
80.4207, 78.7790, 94.9716



Tritanopia

75.8591, 78.7616, 99.2000

Trichromacy



Original Color

74.9145, 78.7918, 94.4790

Protanomaly

75.7424, 78.8239, 93.6606

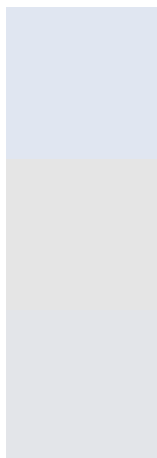
Deuteranomaly

78.4833, 78.9807, 95.1127

Tritanomaly

75.5521, 78.6387, 97.5830

Monochromacy



Original Color

74.9145, 78.7918, 94.4790

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.4058, 78.2527, 88.2735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9145, 78.7918, 94.4790 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(224, 230, 241) looks like.

```
.text, #text, p{  
    color:rgb(224, 230, 241)  
}
```

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(224, 230, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 230, 241) }
```

Border

The CSS property to change the border of an element to XYZ 74.9145, 78.7918, 94.4790 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(224, 230, 241) }
```


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

```
.border{ border-color:rgb(224, 230, 241) }
```

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

Here you see how a box with a 4 pixel rgb(224, 230, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 230, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 230, 241);  
box-shadow:4px 4px 4px 4px rgb(224, 230,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9145, 78.7918, 94.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 230, 241) }
```

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

```
.background{ background-color: rgb(224,  
230, 241) }
```

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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