

Converting Colors

XYZ(73.5851, 78.4250, 92.9115)

Have a look what the booklet for
XYZ(73.5851, 78.4250, 92.9115)
contains.

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Color

**XYZ(73.6711, 78.5995,
92.9497)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE7EF
RGB	220, 231, 239
RGB Percent	86%, 91%, 94%
CMY	0.1372, 0.0941, 0.0627
CMYK	0.08, 0.03, 0.00, 0.06
HSL	205°, 37%, 90%
HSV	205°, 8%, 94%
XYZ	73.6711, 78.5995, 92.9497
YIQ	228.6230, -9.1240, 0.1560

Conversions

Conversions Part 2

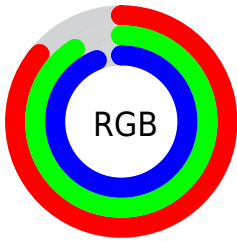
Format	Color
R _Y B	220, 227, 239
Decimal	14477295
CIE Lab	91.05, -2.14, -5.15
CIE LCh	91, 5.579, 247.427
Yxy	78.5995, 0.3004, 0.3205
Android (android.graphics.Color)	4292667375 (0xFFDCE7EF)
YUV	228.6230, 5.1159, -7.5624
Hunter-Lab	88.6564, -6.8198, -0.1018

Details

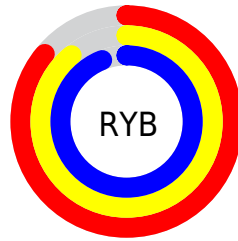
The XYZ color **73.6711, 78.5995, 92.9497** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.2585, 79.0042, 78.9415**, and the grayscale version is **74.1696, 78.0322, 84.9770**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3943, 42.0782, 50.8453** is the 20% darker color. If you saturate the color by 10%, you get **64.2140, 69.6662, 91.7251**, and if you desaturate by 10%, it is **84.3287, 88.3961, 94.2801**.

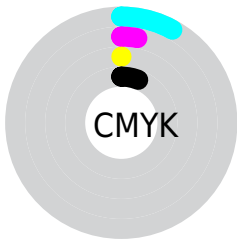
Distribution



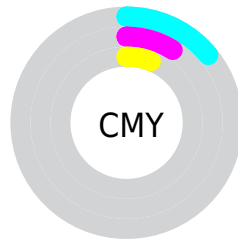
- Red (86%)
- Green (91%)
- Blue (94%)



- Red (86%)
- Yellow (89%)
- Blue (94%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (14%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6711, 78.5995, 92.9497 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 73.6711, 78.5995, 92.9497 by changing the saturation by 10% instead.

■ 73.6711, 78.5995,
92.9497

■ 73.6711, 78.5995,
92.9497

462.4053,
490.2004, 558.3959

■ 54.8152, 58.5666,
69.8423

123.4275,
131.3949, 153.4001

■ 39.4871, 42.2643,
50.9219

155.0587,
164.9261, 191.5801

■ 27.3213, 29.3083,
35.7702

191.6790,
203.7256, 235.6214

■ 17.9525, 19.3142,
23.9685

233.6538,
248.1778, 285.9425

■ 11.0154, 11.8975,
15.0983

281.3485,
298.6669, 342.9620

■ 6.1445, 6.6739,
8.7410

335.1284,

■ 2.9747, 3.2590,

355.5775, 407.0983

4.4781

395.3589,
419.2938, 478.7701

■ 1.1404, 1.2684,
1.8911

■ 0.0585, 0.1165,
0.4871

■ 73.6711, 78.5995,
92.9497

■ 73.6711, 78.5995,
92.9497

■ 64.2140, 69.6662,
91.7251

■ 84.3287, 88.3961,
94.2801

■ 55.9042, 61.5584,
90.5981

■ 91.3557, 96.5631,
95.4862

■ 48.6944, 54.2499,
89.5674

■ 92.5802, 99.0121,
95.8943

■ 42.5313, 47.7088,
88.6297

■ 37.3567, 41.9008,
87.7813

■ 33.1062, 36.7883,
87.0186

■ 29.7069, 32.3292,
86.3370

■ 27.0734, 28.4745,
85.7318

■ 25.0895, 25.1597,
85.1965

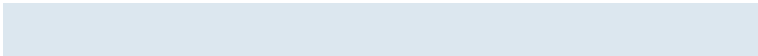
Harmonies

Analogous

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



72.5751, 78.5995, 90.3854



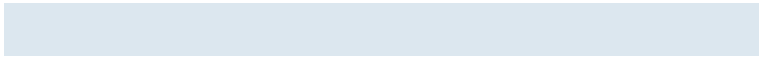
73.6711, 78.5995, 92.9497



75.0573, 78.5995, 93.5102

Triad

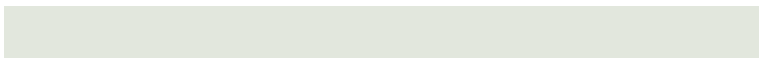
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6711, 78.5995, 92.9497



77.4259, 78.5995, 84.5822



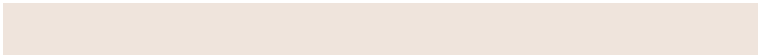
73.0716, 78.5995, 79.5652

Complementary

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



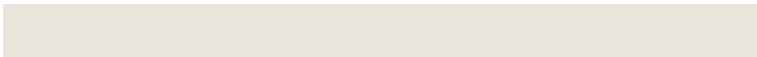
73.6711, 78.5995, 92.9497



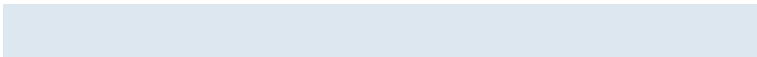
76.2585, 79.0042, 78.9415

Split Complementary

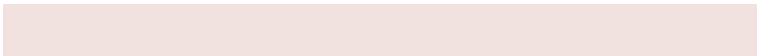
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.3567, 78.5995, 78.1141



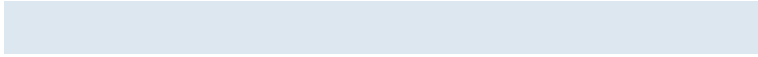
73.6711, 78.5995, 92.9497



76.8792, 78.5995, 80.9509

Square

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



73.6711, 78.5995, 92.9497



77.2368, 78.5995, 88.5952



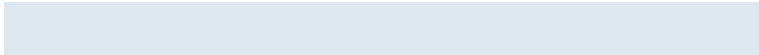
75.7515, 78.5995, 78.6133



72.2320, 78.5995, 82.6369

Rectangle

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



73.6711, 78.5995, 92.9497



75.9617, 78.5995, 92.6564



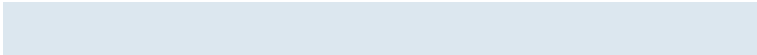
75.7515, 78.5995, 78.6133



73.4652, 78.5995, 78.8762

Sweetspot

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



73.6734, 78.6028, 92.9514



92.5176, 97.6837, 108.5864



74.3750, 82.5468, 85.3525



19.8291, 20.9327, 23.2453



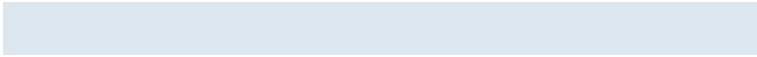
0.0000, 0.0000, 0.0000



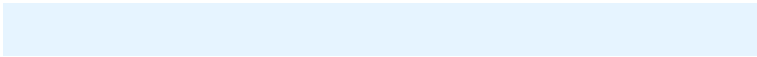
20.3446, 21.4041, 23.3091

Same Dimension

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



73.6734, 78.6028, 92.9514



82.9543, 88.8232, 107.3802



71.1072, 73.4705, 92.0960



15.6576, 16.7494, 20.1293



13.7979, 13.8201, 47.0682



1.2461, 1.3461, 3.9484

Inverse Universe

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



75.6154, 75.3082, 86.1558



85.7677, 84.1237, 97.5185



78.9211, 84.3293, 79.8290



16.1566, 15.9124, 18.3810



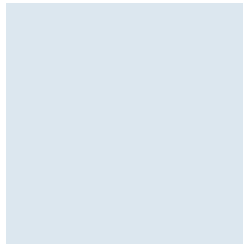
22.2902, 11.1885, 14.7105



1.9039, 0.9506, 1.4848

Previews

White Background



This preview shows how the XYZ color 73.6711, 78.5995, 92.9497 looks on a white background.

Color Contrast Check

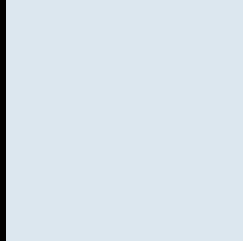
Large Text (above 18pt) WCAG AA × Fail

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 73.6711, 78.5995, 92.9497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

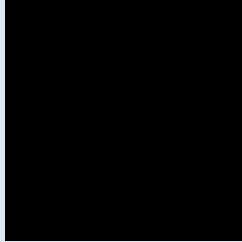
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

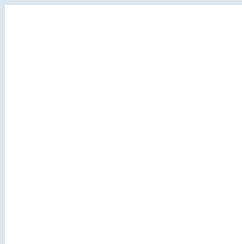
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.6711, 78.5995, 92.9497

Background



This preview shows how black text looks on a background with the XYZ color 73.6711, 78.5995, 92.9497.

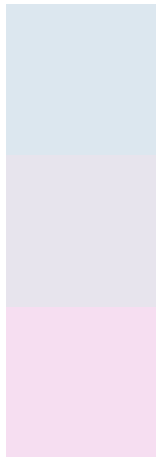


This preview shows how white text looks on a background with the XYZ color 73.6711, 78.5995,

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

73.6711, 78.5995, 92.9497

Protanopia

75.9845, 78.5902, 91.2854

Deuteranopia

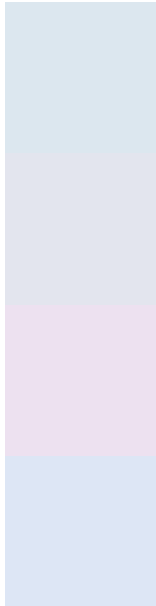
80.0045, 78.1863, 94.0939



Tritanopia

75.0589, 78.7431, 100.0498

Trichromacy



Original Color

73.6711, 78.5995, 92.9497

Protanomaly

75.1305, 78.5426, 92.0893

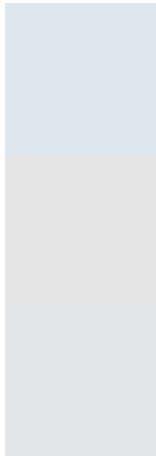
Deuteranomaly

77.5784, 78.1462, 93.4330

Tritanomaly

74.5970, 78.5584, 97.6178

Monochromacy



Original Color

73.6711, 78.5995, 92.9497

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.3688, 78.6456, 88.3513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6711, 78.5995, 92.9497 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(220, 231, 239) looks like.

```
.text, #text, p{  
    color:rgb(220, 231, 239)  
}
```

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(220, 231, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 231, 239) }
```

Border

The CSS property to change the border of an element to XYZ 73.6711, 78.5995, 92.9497 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(220, 231, 239) }
```


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

```
.border{ border-color:rgb(220, 231, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 231, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 231, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 231, 239);  
box-shadow:4px 4px 4px 4px rgb(220, 231,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6711, 78.5995, 92.9497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 231, 239) }
```

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

```
.background{ background-color: rgb(220,  
231, 239) }
```

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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