

Converting Colors

XYZ(74.0700, 78.4558, 95.4008)

Have a look what the booklet for
XYZ(74.0700, 78.4558, 95.4008)
contains.

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Color

**XYZ(73.8390, 78.2201,
95.2107)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE6F2
RGB	220, 230, 242
RGB Percent	86%, 90%, 95%
CMY	0.1372, 0.0980, 0.0510
CMYK	0.09, 0.05, 0.00, 0.05
HSL	213°, 46%, 91%
HSV	213°, 9%, 95%
XYZ	73.8390, 78.2201, 95.2107
YIQ	228.3780, -9.8120, 1.6120

Conversions

Conversions Part 2

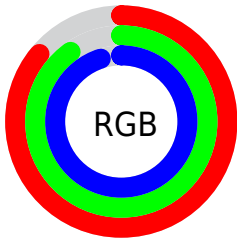
Format	Color
R _Y B	220, 227, 242
Decimal	14477042
CIE Lab	90.88, -1.05, -6.98
CIE LCh	91, 7.054, 261.445
Yxy	78.2201, 0.2986, 0.3163
Android (android.graphics.Color)	4292667122 (0xFFDCE6F2)
YUV	228.3780, 6.7156, -7.3475
Hunter-Lab	88.4421, -5.7468, -1.9180

Details

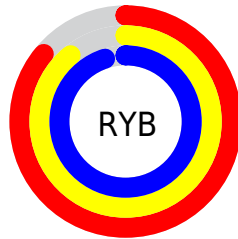
The XYZ color **73.8390, 78.2201, 95.2107** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.3931, 81.7571, 79.3603**, and the grayscale version is **73.9789, 77.8316, 84.7586**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7099, 42.2044, 52.5077** is the 20% darker color. If you saturate the color by 10%, you get **63.5043, 67.6474, 93.7159**, and if you desaturate by 10%, it is **85.5165, 89.9020, 96.8513**.

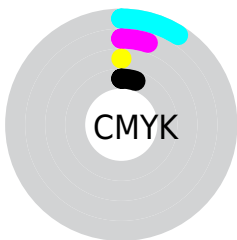
Distribution



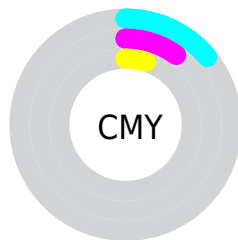
- Red (86%)
- Green (90%)
- Blue (95%)



- Red (86%)
- Yellow (89%)
- Blue (95%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (14%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8390, 78.2201, 95.2107 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 73.8390, 78.2201, 95.2107 by changing the saturation by 10% instead.

■ 73.8390, 78.2201,
95.2107

■ 73.8390, 78.2201,
95.2107

462.9764,
488.9140, 565.8409

■ 54.9531, 58.2548,
71.7125

123.6643,
130.8603, 156.5537

■ 39.5979, 42.0135,
52.4385

155.3344,
164.3041, 195.2357

■ 27.4080, 29.1119,
36.9700

191.9965,
203.0094, 239.8159

■ 18.0180, 19.1655,
24.8887

234.0162,
247.3608, 290.7130

■ 11.0627, 11.7899,
15.7759

281.7586,
297.7425, 348.3455

■ 6.1766, 6.6008,
9.2131

335.5892,

■ 2.9945, 3.2137,

354.5390, 413.1320

4.7817

395.8734,
418.1347, 485.4909

■ 1.1508, 1.2443,
2.0633

■ 0.0670, 0.0974,
0.5938

■ 73.8390, 78.2201,
95.2107

■ 73.8390, 78.2201,
95.2107

■ 63.5043, 67.6474,
93.7159

■ 85.5165, 89.9020,
96.8513

■ 54.4541, 58.1385,
92.3575

■ 93.0273, 99.1909,
98.2484

■ 46.6358, 49.6588,
91.1328

■ 39.9902, 42.1682,
90.0372

■ 34.4528, 35.6233,
89.0658

■ 29.9523, 29.9767,
88.2131

■ 26.4082, 25.1760,
87.4732

■ 23.7260, 21.1607,
86.8396

■ 21.7654, 17.8464,
86.3032

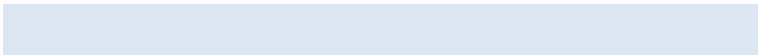
Harmonies

Analogous

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



72.2376, 78.2201, 93.0480



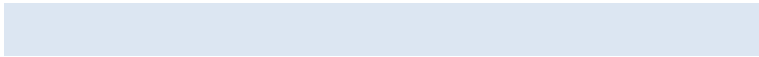
73.8390, 78.2201, 95.2107



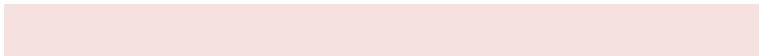
75.6014, 78.2201, 94.5999

Triad

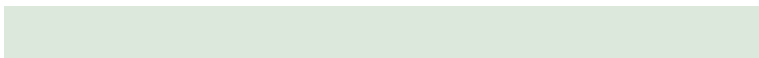
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8390, 78.2201, 95.2107



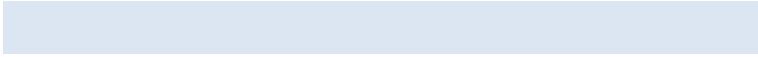
77.5700, 78.2201, 81.6424



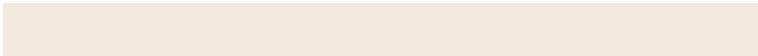
71.7071, 78.2201, 79.2169

Complementary

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



73.8390, 78.2201, 95.2107



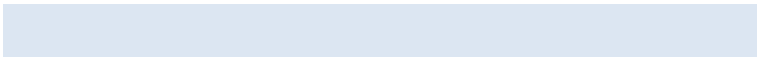
78.3931, 81.7571, 79.3603

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.



73.1043, 78.2201, 76.3856



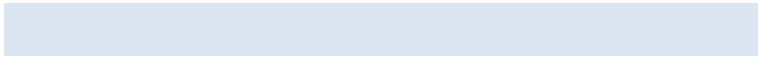
73.8390, 78.2201, 95.2107



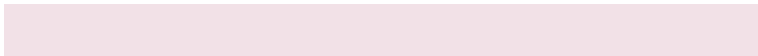
76.4947, 78.2201, 77.7467

Square

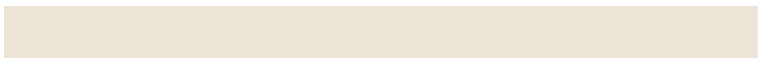
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8390, 78.2201, 95.2107



77.7743, 78.2201, 86.6316



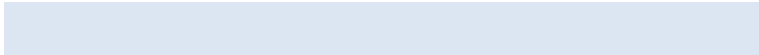
74.8550, 78.2201, 75.8583



71.0197, 78.2201, 83.7217

Rectangle

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



73.8390, 78.2201, 95.2107



76.6293, 78.2201, 92.7121



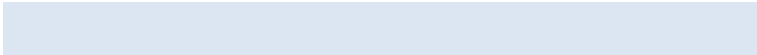
74.8550, 78.2201, 75.8583



72.1083, 78.2201, 78.0454

Sweetspot

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



73.8413, 78.2234, 95.2124



90.9750, 95.9451, 108.3321



75.7962, 84.5323, 88.4682



19.2443, 20.3084, 23.1556



0.0000, 0.0000, 0.0000



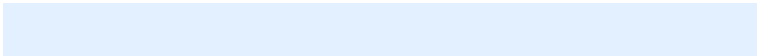
20.3446, 21.4041, 23.3091

Same Dimension

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



73.8413, 78.2234, 95.2124



80.7860, 85.6891, 106.8895



71.3591, 72.9289, 94.3213



15.4893, 16.4127, 20.0732



11.7403, 9.7048, 46.3823



1.0749, 1.0037, 3.8913

Inverse Universe

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



76.4958, 75.7783, 85.4617



84.3797, 82.4445, 93.6742



81.0384, 87.4206, 80.3141



16.0717, 15.8784, 17.9336



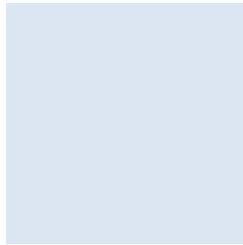
21.2516, 10.7731, 9.2413



1.8175, 0.9160, 1.0298

Previews

White Background



This preview shows how the XYZ color 73.8390, 78.2201, 95.2107 looks on a white background.

Color Contrast Check

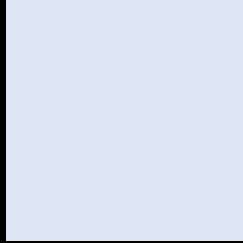
Large Text (above 18pt) WCAG AA × Fail

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 73.8390, 78.2201, 95.2107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

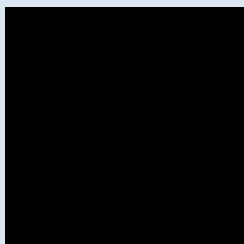
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

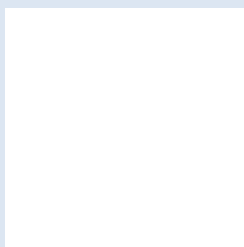
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8390, 78.2201, 95.2107

Background



This preview shows how black text looks on a background with the XYZ color 73.8390, 78.2201, 95.2107.

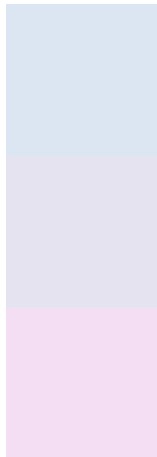


This preview shows how white text looks on a background with the XYZ color 73.8390, 78.2201,

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

73.8390, 78.2201, 95.2107

Protanopia

75.5104, 77.8875, 93.4920

Deuteranopia

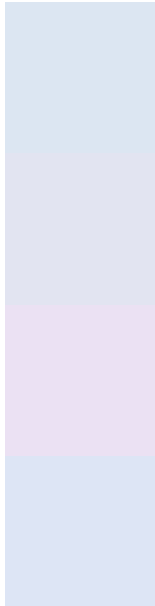
79.7586, 78.0073, 96.4411



Tritanopia

74.6266, 78.1262, 99.1423

Trichromacy



Original Color

73.8390, 78.2201, 95.2107

Protanomaly

74.9846, 78.0064, 94.3237

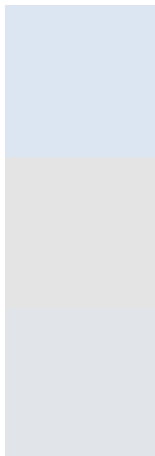
Deuteranomaly

77.3638, 77.9837, 95.7689

Tritanomaly

74.3195, 78.0033, 97.5253

Monochromacy



Original Color

73.8390, 78.2201, 95.2107

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.7786, 77.9294, 88.2441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8390, 78.2201, 95.2107 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, 230, 242)` looks like.

```
.text, #text, p{  
    color:rgb(220, 230, 242)  
}
```

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, 230, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 230, 242) }
```

Border

The CSS property to change the border of an element to XYZ 73.8390, 78.2201, 95.2107 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, 230, 242) }
```


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

```
.border{ border-color:rgb(220, 230, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 230, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 230, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 230, 242);  
box-shadow:4px 4px 4px 4px rgb(220, 230,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8390, 78.2201, 95.2107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 230, 242) }
```

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

```
.background{ background-color: rgb(220,  
230, 242) }
```

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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