

Converting Colors

XYZ(72.0346, 78.1208, 95.2863)

Have a look what the booklet for
XYZ(72.0346, 78.1208, 95.2863)
contains.

XYZ(72.0350, 78.1211, 95.2866)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(72.0350, 78.1211,
95.2866)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E8F2
RGB	212, 232, 242
RGB Percent	83%, 91%, 95%
CMY	0.1686, 0.0902, 0.0510
CMYK	0.12, 0.04, 0.00, 0.05
HSL	200°, 54%, 89%
HSV	200°, 12%, 95%
XYZ	72.0350, 78.1211, 95.2866
YIQ	227.1600, -15.1300, -1.1300

Conversions

Conversions Part 2

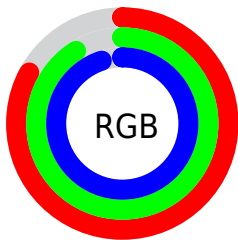
Format	Color
R _Y B	212, 224, 242
Decimal	13953266
CIE Lab	90.84, -4.63, -7.10
CIE LCh	91, 8.479, 236.911
Yxy	78.1211, 0.2935, 0.3183
Android (android.graphics.Color)	4292143346 (0xFFD4E8F2)
YUV	227.1600, 7.3161, -13.2953
Hunter-Lab	88.3861, -9.1977, -2.0486

Details

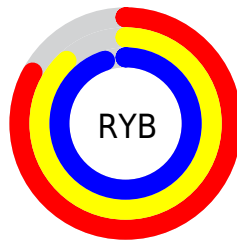
The XYZ color **72.0350, 78.1211, 95.2866** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.6233, 75.8729, 73.0006**, and the grayscale version is **73.0883, 76.8945, 83.7382**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2929, 41.7639, 52.4974** is the 20% darker color. If you saturate the color by 10%, you get **63.3574, 70.3568, 94.2465**, and if you desaturate by 10%, it is **81.8670, 86.6393, 96.4138**.

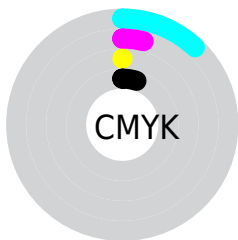
Distribution



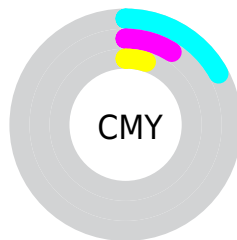
- Red (83%)
- Green (91%)
- Blue (95%)



- Red (83%)
- Yellow (88%)
- Blue (95%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0350, 78.1211, 95.2866 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 72.0350, 78.1211, 95.2866 by changing the saturation by 10% instead.

■ 72.0350, 78.1211,
95.2866

■ 72.0350, 78.1211,
95.2866

456.8192,
488.5780, 566.0899

■ 53.4728, 58.1735,
71.7753

121.1168,
130.7208, 156.6595

■ 38.4094, 41.9481,
52.4895

152.3672,
164.1417, 195.3582

■ 26.4792, 29.0607,
37.0104

188.5777,
202.8224, 239.9564

■ 17.3170, 19.1267,
24.9197

230.1136,
247.1474, 290.8727

■ 10.5575, 11.7619,
15.7988

277.3404,
297.5011, 348.5257

■ 5.8352, 6.5817,
9.2291

330.6233,

■ 2.7848, 3.2019,

354.2678, 413.3339

4.7920

390.3278,
417.8320, 485.7157

■ 1.0410, 1.2380,
2.0692

■ 0.0000, 0.0925,
0.5973

■ 72.0350, 78.1211,
95.2866

■ 72.0350, 78.1211,
95.2866

■ 63.3574, 70.3568,
94.2465

■ 81.8670, 86.6393,
96.4138

■ 55.7794, 63.3099,
93.2857

■ 90.8756, 94.8876,
97.5311

■ 49.2522, 56.9552,
92.4032

■ 93.0272, 99.1909,
98.2483

■ 43.7202, 51.2619,
91.5958

■ 39.1223, 46.1963,
90.8604

■ 35.3903, 41.7210,
90.1933

■ 32.4455, 37.7932,
89.5904

■ 30.1935, 34.3619,
89.0467

■ 28.8354, 32.0272,
88.6677

Harmonies

Analogous

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



70.6541, 78.1211, 90.4887



72.0350, 78.1211, 95.2866



74.0310, 78.1211, 97.3375

Triad

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



72.0350, 78.1211, 95.2866



78.4231, 78.1211, 85.6951



72.4108, 78.1211, 75.0102

Complementary

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



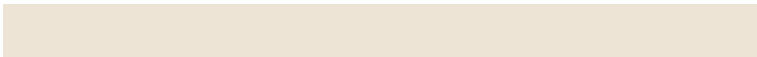
72.0350, 78.1211, 95.2866



74.6233, 75.8729, 73.0006

Split Complementary

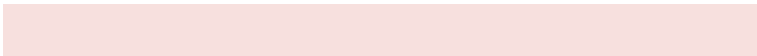
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4730, 78.1211, 73.8620



72.0350, 78.1211, 95.2866



77.9695, 78.1211, 79.8540

Square

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



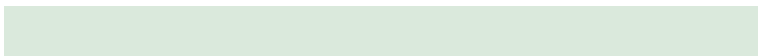
72.0350, 78.1211, 95.2866



77.7414, 78.1211, 91.6360



76.5135, 78.1211, 75.5937



70.8681, 78.1211, 78.8075

Rectangle

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



72.0350, 78.1211, 95.2866



75.4513, 78.1211, 96.8014



76.5135, 78.1211, 75.5937



73.0650, 78.1211, 74.3097

Sweetspot

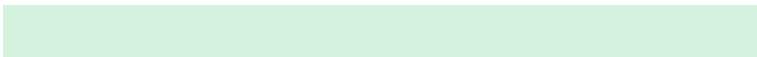
The Sweet Spot groups the original color and five complimentary colors.



72.0373, 78.1244, 95.2883



90.3217, 95.9671, 108.3708



72.0227, 82.7498, 80.9341



19.1474, 20.3819, 23.1749



0.0000, 0.0000, 0.0000



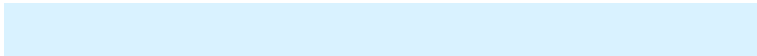
20.3446, 21.4041, 23.3091

Same Dimension

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



72.0373, 78.1244, 95.2883



78.4189, 85.5892, 106.9950



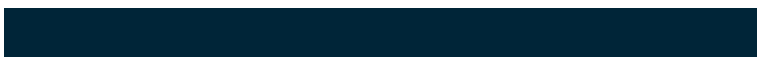
68.1217, 70.2932, 93.9831



15.7778, 16.9898, 20.1694



15.6211, 17.4665, 47.6759



1.3905, 1.6351, 3.9965

Inverse Universe

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



74.7287, 71.7920, 86.2664



82.0537, 77.1830, 94.7779



78.6425, 83.9113, 74.3404



16.2173, 15.9366, 18.7006



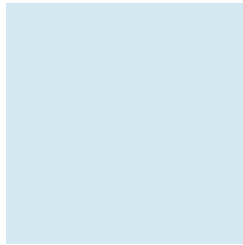
23.2105, 11.5566, 19.5566



1.9768, 0.9798, 1.8688

Previews

White Background



This preview shows how the XYZ color 72.0350, 78.1211, 95.2866 looks on a white background.

Color Contrast Check

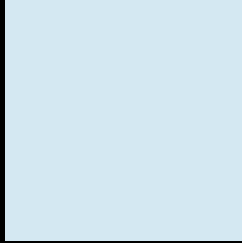
Large Text (above 18pt) WCAG AA × Fail

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 72.0350, 78.1211, 95.2866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

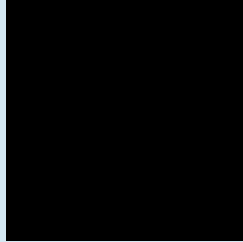
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

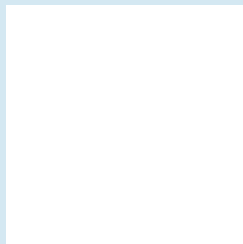
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.0350, 78.1211, 95.2866

Background



This preview shows how black text looks on a background with the XYZ color 72.0350, 78.1211, 95.2866.



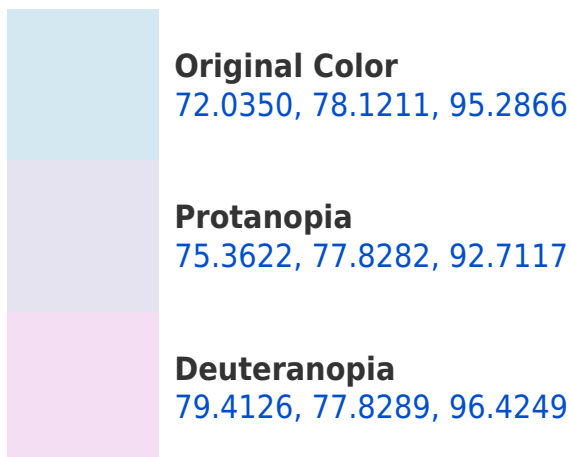
This preview shows how white text looks on a background with the XYZ color 72.0350, 78.1211,

95.2866.

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

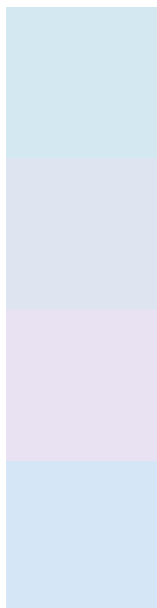




Tritanopia

73.1154, 78.1375, 100.8510

Trichromacy



Original Color

72.0350, 78.1211, 95.2866

Protanomaly

74.1789, 78.0179, 93.5874

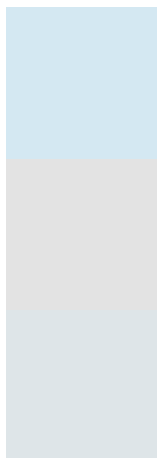
Deuteranomaly

76.6527, 78.0196, 95.8133

Tritanomaly

72.6510, 77.9518, 98.4059

Monochromacy



Original Color

72.0350, 78.1211, 95.2866

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.7090, 77.3944, 87.4504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0350, 78.1211, 95.2866 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(212, 232, 242)` looks like.

```
.text, #text, p{  
    color:rgb(212, 232, 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(212, 232, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 232, 242) }
```

Border

The CSS property to change the border of an element to XYZ 72.0350, 78.1211, 95.2866 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(212, 232, 242) }
```


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

```
.border{ border-color:rgb(212, 232, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 232, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 232, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 232, 242);  
box-shadow:4px 4px 4px 4px rgb(212, 232,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0350, 78.1211, 95.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 232, 242) }
```

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

```
.background{ background-color: rgb(212,  
232, 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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