

Converting Colors

XYZ(72.5770, 80.4574, 93.2561)

Have a look what the booklet for
XYZ(72.5770, 80.4574, 93.2561)
contains.

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Color

**XYZ(72.7281, 80.6493,
93.3950)**

Conversions

Conversions Part 1

Format	Color
Hex	D3EDEF
RGB	211, 237, 239
RGB Percent	83%, 93%, 94%
CMY	0.1725, 0.0706, 0.0627
CMYK	0.12, 0.01, 0.00, 0.06
HSL	184°, 47%, 88%
HSV	184°, 12%, 94%
XYZ	72.7281, 80.6493, 93.3950
YIQ	229.4540, -16.1380, -4.8900

Conversions

Conversions Part 2

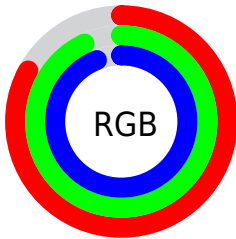
Format	Color
R _Y B	211, 224, 239
Decimal	13889007
CIE Lab	91.98, -8.09, -3.86
CIE LCh	92, 8.962, 205.538
Yxy	80.6493, 0.2947, 0.3268
Android (android.graphics.Color)	4292079087 (0xFFD3EDEF)
YUV	229.4540, 4.7062, -16.1842
Hunter-Lab	89.8050, -12.6013, 1.2033

Details

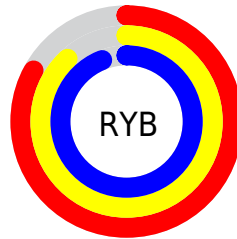
The XYZ color **72.7281, 80.6493, 93.3950** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.1490, 70.6418, 71.5145**, and the grayscale version is **74.7874, 78.6821, 85.6848**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7814, 43.5346, 51.1588** is the 20% darker color. If you saturate the color by 10%, you get **65.8933, 76.3990, 92.9361**, and if you desaturate by 10%, it is **80.5903, 85.4405, 93.9067**.

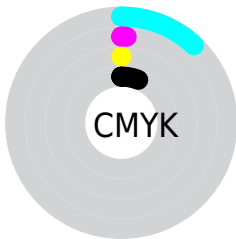
Distribution



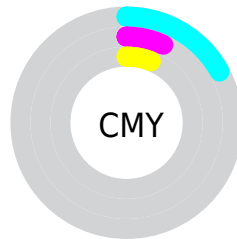
- Red (83%)
- Green (93%)
- Blue (94%)



- Red (83%)
- Yellow (88%)
- Blue (94%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



- Cyan (17%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7281, 80.6493, 93.3950 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 72.7281, 80.6493, 93.3950 by changing the saturation by 10% instead.

■ 72.7281, 80.6493,
93.3950

■ 72.7281, 80.6493,
93.3950

459.1903,
497.1183, 559.8664

■ 54.0412, 60.2528,
70.2104

122.0963,
134.2782, 154.0218

■ 38.8654, 43.6224,
51.2202

153.5085,
168.2795, 192.3010

■ 26.8353, 30.3738,
36.0059

189.8930,
207.5844, 236.4489

■ 17.5855, 20.1225,
24.1490

231.6154,
252.5774, 286.8839

■ 10.7507, 12.4841,
15.2310

279.0410,
303.6429, 344.0247

■ 5.9655, 7.0743,
8.8332

332.5351,

■ 2.8646, 3.5086,

361.1653, 408.2896

4.5372

392.4631,
425.5290, 480.0974

■ 1.0826, 1.4027,
1.9245

■ 0.0105, 0.2187,
0.5082

■ 72.7281, 80.6493,
93.3950

■ 72.7281, 80.6493,
93.3950

■ 65.8933, 76.3990,
92.9361

■ 80.5903, 85.4405,
93.9067

■ 60.0341, 72.6565,
92.5225

■ 88.1021, 90.0559,
94.4016


■ 55.1046, 69.4002,
92.1538


■ 88.6073, 91.0662,
94.5700

■ 51.0528, 66.6032,
91.8275


■ 89.1172, 92.0860,
94.7400


 47.8212, 64.2359,
91.5409


 89.6318, 93.1152,
94.9115


 45.3456, 62.2653,
91.2910


 90.1512, 94.1540,
95.0846


 43.5522, 60.6531,
91.0744

 90.6753, 95.2023,
95.2594

 42.3522, 59.3537,
90.8868

 91.2042, 96.2601,
95.4357

 41.6913, 58.4542,
90.7480

 91.7379, 97.3275,
95.6136

Harmonies

Analogous

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



72.3241, 80.6493, 86.8303



72.7281, 80.6493, 93.3950



74.1761, 80.6493, 98.6904

Triad

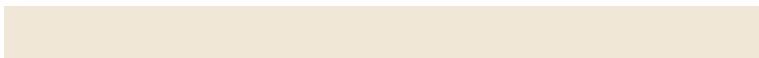
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7281, 80.6493, 93.3950



80.3641, 80.6493, 95.1871



76.9998, 80.6493, 75.7667

Complementary

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



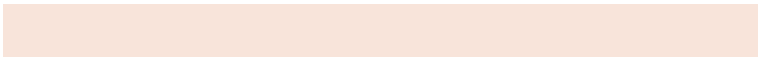
72.7281, 80.6493, 93.3950



71.1490, 70.6418, 71.5145

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.



79.1880, 80.6493, 77.7664



72.7281, 80.6493, 93.3950



81.1549, 80.6493, 88.8038

Square

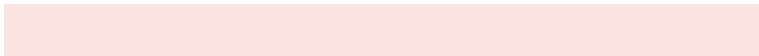
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7281, 80.6493, 93.3950



78.5797, 80.6493, 99.7609



80.7202, 80.6493, 82.4587



74.7615, 80.6493, 76.8600

Rectangle

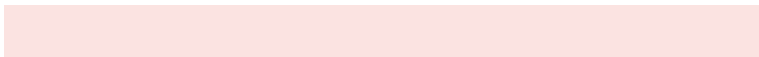
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



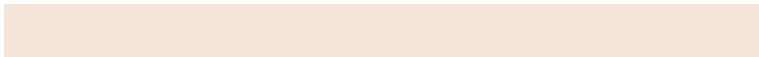
72.7281, 80.6493, 93.3950



75.5541, 80.6493, 100.6752



80.7202, 80.6493, 82.4587



77.7660, 80.6493, 76.0965

Sweetspot

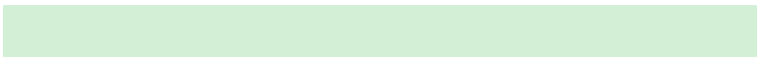
The Sweet Spot groups the original color and five complimentary colors.



72.7304, 80.6527, 93.3968



91.1649, 97.6534, 108.6518



69.7250, 80.3805, 74.7034



19.3614, 20.8099, 23.2462



0.0000, 0.0000, 0.0000



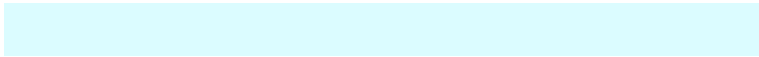
20.3446, 21.4041, 23.3091

Same Dimension

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



72.7304, 80.6527, 93.3968



82.3071, 92.2334, 108.0725



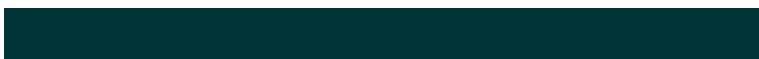
68.8685, 72.9288, 92.1095



16.1453, 17.7247, 20.2919



23.0803, 32.3849, 50.1623



1.9487, 2.7514, 4.1826

Inverse Universe

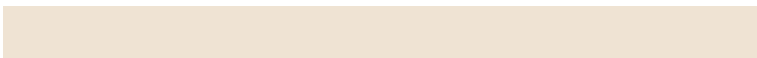
The Inverse Universe completely reimagines the original color for something new.



74.1787, 71.0552, 89.9302



84.2927, 79.1369, 103.3059



74.7883, 77.9204, 72.7276



16.4028, 16.0108, 19.6772



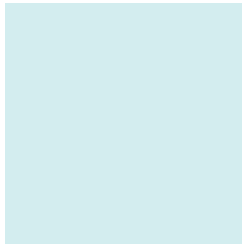
26.9755, 13.0626, 39.3831



2.2586, 1.0925, 3.3525

Previews

White Background



This preview shows how the XYZ color 72.7281, 80.6493, 93.3950 looks on a white background.

Color Contrast Check

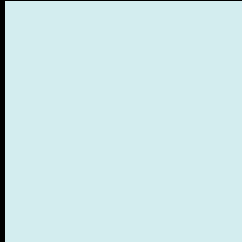
Large Text (above 18pt) WCAG AA × Fail

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 72.7281, 80.6493, 93.3950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

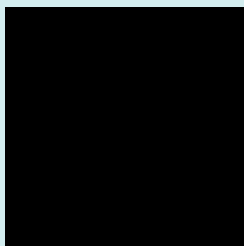
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

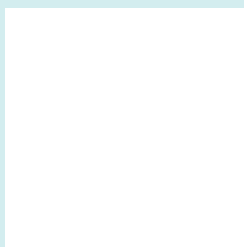
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7281, 80.6493, 93.3950

Background



This preview shows how black text looks on a background with the XYZ color 72.7281, 80.6493, 93.3950.



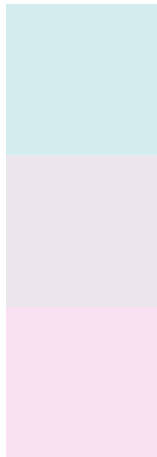
This preview shows how white text looks on a background with the XYZ color 72.7281, 80.6493,

93.3950.

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

72.7281, 80.6493, 93.3950

Protanopia

77.5532, 80.2540, 90.0003

Deuteranopia

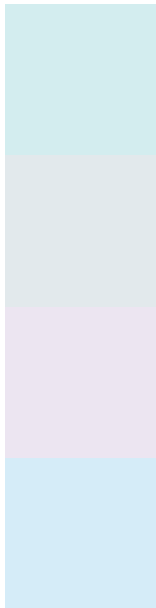
82.3766, 80.5852, 95.2172



Tritanopia

75.1695, 80.8047, 104.5635

Trichromacy



Original Color

72.7281, 80.6493, 93.3950

Protanomaly

75.6433, 80.5027, 90.9086

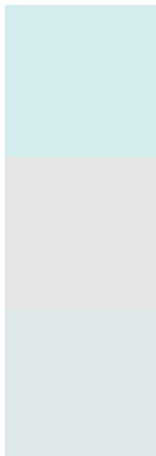
Deuteranomaly

78.4886, 80.2224, 94.5668

Tritanomaly

74.3793, 80.9144, 100.5048

Monochromacy



Original Color

72.7281, 80.6493, 93.3950

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.6888, 79.1260, 88.4798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7281, 80.6493, 93.3950 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(211, 237, 239)` looks like.

```
.text, #text, p{  
    color:rgb(211, 237, 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(211, 237, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 237, 239) }
```

Border

The CSS property to change the border of an element to XYZ 72.7281, 80.6493, 93.3950 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(211, 237, 239) }
```


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

```
.border{ border-color:rgb(211, 237, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 237, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 237, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 237, 239);  
box-shadow:4px 4px 4px 4px rgb(211, 237,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7281, 80.6493, 93.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 237, 239) }
```

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

```
.background{ background-color: rgb(211,  
237, 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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