

Converting Colors

XYZ(57.4410, 75.4471, 83.2708)

Have a look what the booklet for
XYZ(57.4410, 75.4471, 83.2708)
contains.

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Color

**XYZ(57.6321, 75.7032,
83.5261)**

Conversions

Conversions Part 1

Format	Color
Hex	92F3E2
RGB	146, 243, 226
RGB Percent	57%, 95%, 89%
CMY	0.4274, 0.0470, 0.1137
CMYK	0.40, 0.00, 0.07, 0.05
HSL	169°, 80%, 76%
HSV	169°, 40%, 95%
XYZ	57.6321, 75.7032, 83.5261
YIQ	212.0590, -52.3550, -25.8510

Conversions

Conversions Part 2

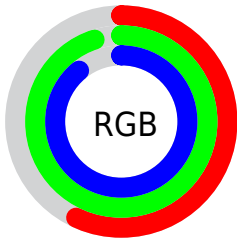
Format	Color
RYB	146, 199, 243
Decimal	9630690
CIELab	89.72, -32.50, -0.81
CIELCh	90, 32.506, 181.421
Yxy	75.7032, 0.2658, 0.3491
Android (android.graphics.Color)	4287820770 (0xFF92F3E2)
YUV	212.0590, 6.8729, -57.9337
Hunter-Lab	87.0076, -34.0284, 3.9877

Details

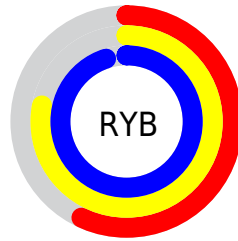
The XYZ color **57.6321, 75.7032, 83.5261** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.8545, 42.2588, 39.9715**, and the grayscale version is **62.6010, 65.8611, 71.7228**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **29.0294, 40.1819, 44.7540** is the 20% darker color. If you saturate the color by 10%, you get **53.1862, 73.4799, 80.3061**, and if you desaturate by 10%, it is **63.0149, 78.4116, 86.8691**.

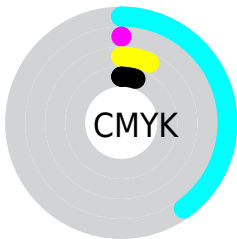
Distribution



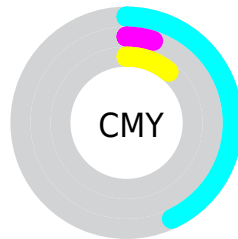
- Red (57%)
- Green (95%)
- Blue (89%)



- Red (57%)
- Yellow (78%)
- Blue (95%)



- Cyan (40%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (43%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6321, 75.7032, 83.5261 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 57.6321, 75.7032, 83.5261 by changing the saturation by 10% instead.

57.6321, 75.7032,
83.5261

57.6321, 75.7032,
83.5261

405.7897,
480.3311, 526.7551

41.7551, 56.1892,
62.0811

100.5130,
127.3073, 140.1679

29.0998, 40.3546,
44.6620

128.2475,
160.1661, 176.2018

19.3010, 27.8151,
30.8503

160.6653,
198.2420, 217.9357

11.9933, 18.1864,
20.2274

198.1316,
241.9193, 265.7882

6.8113, 11.0839,
12.3747

241.0118,
291.5825, 320.1779

3.3896, 6.1233,
6.8738

289.6713,

1.3630, 2.9202,

347.6159, 381.5232

3.3060

344.4755,
410.4040, 450.2428

■ 0.2296, 1.0902,
1.2529

■ 0.0000, 0.0000,
0.0228

■ 57.6321, 75.7032,
83.5261

■ 57.6321, 75.7032,
83.5261

■ 53.1862, 73.4799,
80.3061

■ 63.0149, 78.4116,
86.8691

■ 49.6120, 71.7023,
77.2004

■ 69.3817, 81.6238,
90.3328

■ 46.8459, 70.3397,
74.2074

■ 76.7842, 85.3681,
93.9219

■ 44.8131, 69.3535,
71.3228

■ 85.2685, 89.6685,
97.6390

■ 43.4244, 68.6977,
68.5419

■ 90.1266, 92.0977,
101.2643

■ 42.5318, 68.2961,
65.8574

■ 90.7927, 92.3642,
104.7719

■ 42.5252, 68.2932,
65.8355

■ 91.3419, 92.5838,
107.6640

Harmonies

Analogous

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



59.2612, 75.7032, 63.0809



57.6321, 75.7032, 83.5261



59.5973, 75.7032, 107.6206

Triad

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



57.6321, 75.7032, 83.5261



80.2830, 75.7032, 126.0771



79.5738, 75.7032, 49.4506

Complementary

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



57.6321, 75.7032, 83.5261



53.8545, 42.2588, 39.9715

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.



85.9097, 75.7032, 61.5097



57.6321, 75.7032, 83.5261



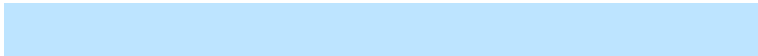
86.3400, 75.7032, 105.3742

Square

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



57.6321, 75.7032, 83.5261



72.3361, 75.7032, 134.8389



88.4705, 75.7032, 81.3394



71.5725, 75.7032, 45.7354

Rectangle

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



57.6321, 75.7032, 83.5261



62.7724, 75.7032, 121.9308



88.4705, 75.7032, 81.3394



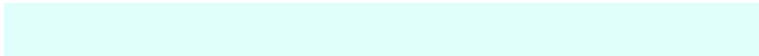
81.9891, 75.7032, 52.5369

Sweetspot

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



57.6343, 75.7062, 83.5278



83.8229, 94.3106, 103.9296



52.5064, 74.0491, 38.7210



17.7027, 20.0655, 22.1321



0.0000, 0.0000, 0.0000



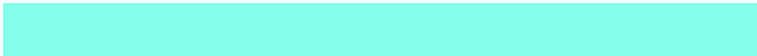
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6343, 75.7062, 83.5278



60.1558, 82.3885, 90.2318



51.6484, 59.8134, 93.6205



16.8647, 18.7050, 20.5720



23.3834, 37.4982, 36.3685



2.0872, 3.3085, 3.3651

Inverse Universe

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



53.8545, 42.2588, 39.9715



55.4102, 40.2607, 35.4464



57.8192, 52.4648, 34.2748



16.6177, 16.5299, 17.7333



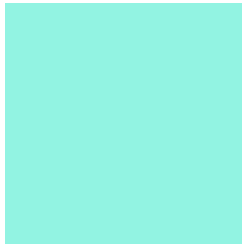
20.5555, 10.5656, 2.3677



1.8393, 0.9417, 0.3800

Previews

White Background



This preview shows how the XYZ color 57.6321, 75.7032, 83.5261 looks on a white background.

Color Contrast Check

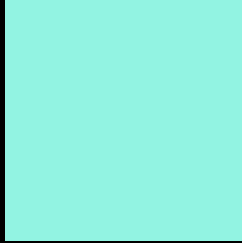
Large Text (above 18pt) WCAG AA × Fail

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 57.6321, 75.7032, 83.5261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

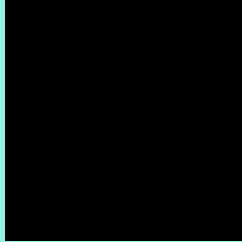
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

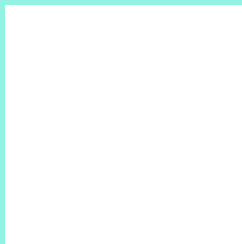
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6321, 75.7032, 83.5261

Background



This preview shows how black text looks on a background with the XYZ color 57.6321, 75.7032, 83.5261.

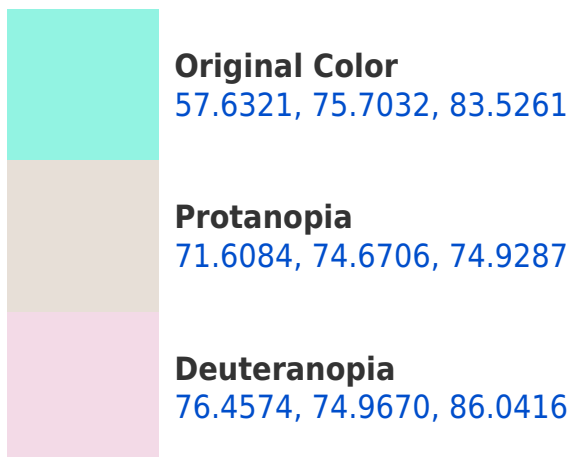


This preview shows how white text looks on a background with the XYZ color 57.6321, 75.7032,

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

63.0321, 75.3654, 105.8326

Trichromacy



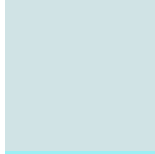
Original Color

57.6321, 75.7032, 83.5261



Protanomaly

64.9024, 73.9875, 77.8781



Deuteranomaly

67.6244, 74.0052, 84.8490



Tritanomaly

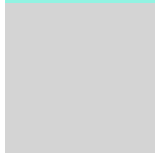
60.9059, 75.3326, 96.9185

Monochromacy



Original Color

57.6321, 75.7032, 83.5261



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.6511, 68.4765, 75.7190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6321, 75.7032, 83.5261 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(146, 243, 226)` looks like.

```
.text, #text, p{  
    color:rgb(146, 243, 226)  
}
```

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(146, 243, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 243, 226) }
```

Border

The CSS property to change the border of an element to XYZ 57.6321, 75.7032, 83.5261 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(146, 243, 226) }
```


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

```
.border{ border-color:rgb(146, 243, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 243, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 243, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 243, 226);  
box-shadow:4px 4px 4px 4px rgb(146, 243,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6321, 75.7032, 83.5261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 243, 226) }
```

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

```
.background{ background-color: rgb(146,  
243, 226) }
```

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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