

Converting Colors

XYZ(53.8912, 66.4560, 72.9720)

Have a look what the booklet for
XYZ(53.8912, 66.4560, 72.9720)
contains.

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Color

**XYZ(53.8357, 66.3359,
72.9175)**

Conversions

Conversions Part 1

Format	Color
Hex	A2E1D5
RGB	162, 225, 213
RGB Percent	64%, 88%, 84%
CMY	0.3647, 0.1176, 0.1647
CMYK	0.28, 0.00, 0.05, 0.12
HSL	169°, 51%, 76%
HSV	169°, 28%, 88%
XYZ	53.8357, 66.3359, 72.9175
YIQ	204.7950, -33.6960, -17.0880

Conversions

Conversions Part 2

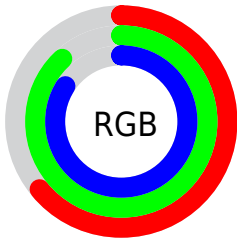
Format	Color
RYB	162, 197, 225
Decimal	10674645
CIELab	85.17, -22.37, -0.55
CIELCh	85, 22.378, 181.416
Yxy	66.3359, 0.2788, 0.3436
Android (android.graphics.Color)	4288864725 (0xFFA2E1D5)
YUV	204.7950, 4.0451, -37.5312
Hunter-Lab	81.4469, -24.5450, 3.9318

Details

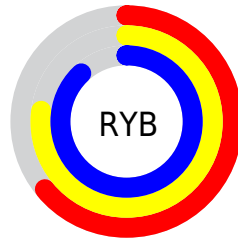
The XYZ color **53.8357, 66.3359, 72.9175** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.6139, 44.9059, 45.9943**, and the grayscale version is **57.8900, 60.9048, 66.3253**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **26.7306, 34.4062, 37.5800** is the 20% darker color. If you saturate the color by 10%, you get **49.1312, 63.9744, 69.8956**, and if you desaturate by 10%, it is **59.3761, 69.1301, 76.0564**.

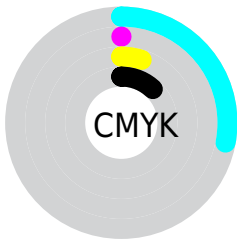
Distribution



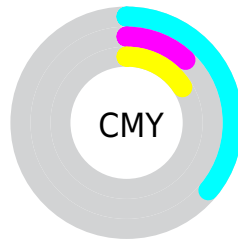
- Red (64%)
- Green (88%)
- Blue (84%)



- Red (64%)
- Yellow (77%)
- Blue (88%)



- Cyan (28%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)





- Cyan (36%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8357, 66.3359, 72.9175 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 53.8357, 66.3359, 72.9175 by changing the saturation by 10% instead.


 53.8357, 66.3359,
72.9175


 53.8357, 66.3359,
72.9175


391.6918,
447.5772, 489.7919

 38.7005, 48.5451,
53.4171


 94.9913, 113.9683,
125.0799

 26.7065, 34.2588,
37.7458


 121.7423,
144.5787, 158.5790

 17.4883, 23.0925,
25.4852


153.0960,
180.2312, 197.5814

 10.6807, 14.6618,
16.2166

189.4177,
221.3100, 242.5057

 5.9183, 8.5824,
9.5215

231.0728,
268.1996, 293.7703

 2.8356, 4.4698,
4.9815

278.4266,

 1.0675, 1.9397,

321.2844, 351.7939

2.1778

331.8445,
380.9488, 416.9949

■ 0.0000, 0.5721,
0.6615

■ 0.0000, 0.0000,
0.0000

■ 53.8357, 66.3359,
72.9175

■ 53.8357, 66.3359,
72.9175

■ 49.1312, 63.9744,
69.8956

■ 59.3761, 69.1301,
76.0564

■ 45.2133, 62.0150,
66.9837


■ 65.7873, 72.3698,
79.3103


■ 42.0359, 60.4358,
64.1803


■ 73.1089, 76.0772,
82.6830


■ 39.5463, 59.2095,
61.4825


■ 81.3765, 80.2705,
86.1768


 37.6840, 58.3050,
58.8868


 83.0802, 81.0783,
89.4407


 36.3783, 57.6858,
56.3893


 83.7052, 81.3283,
92.7319

 35.5295, 57.3005,
53.9847

 84.3453, 81.5844,
96.1022

 35.3842, 57.2359,
53.5136

 85.0004, 81.8464,
99.5522

 85.6708, 82.1146,
103.0823

Harmonies

Analogous

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



54.9049, 66.3359, 59.7274



53.8357, 66.3359, 72.9175



55.1239, 66.3359, 87.7096

Triad

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



53.8357, 66.3359, 72.9175



68.2465, 66.3359, 98.6454



67.8095, 66.3359, 50.4640

Complementary

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



53.8357, 66.3359, 72.9175



51.6139, 44.9059, 45.9943

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.



71.7023, 66.3359, 58.6855



53.8357, 66.3359, 72.9175



71.9639, 66.3359, 86.3625

Square

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



53.8357, 66.3359, 72.9175



63.2904, 66.3359, 103.7366



73.2605, 66.3359, 71.5439



62.8108, 66.3359, 47.8493

Rectangle

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



53.8357, 66.3359, 72.9175



57.1881, 66.3359, 96.2115



73.2605, 66.3359, 71.5439



69.2999, 66.3359, 52.6042

Sweetspot

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



53.8376, 66.3386, 72.9190



87.3195, 96.0864, 105.3050



51.0383, 65.5296, 44.1419



18.3977, 20.4186, 22.3973



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.



53.8376, 66.3386, 72.9190



67.4760, 86.0793, 94.3197



50.5882, 57.3107, 79.6331



13.9987, 15.5252, 17.0285



20.4303, 32.9970, 31.0528



1.4453, 2.2988, 2.3061

Inverse Universe

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



51.6139, 44.9059, 45.9943



64.0358, 52.8712, 52.6281



54.0786, 51.6252, 41.2979



13.8134, 13.7430, 14.7875



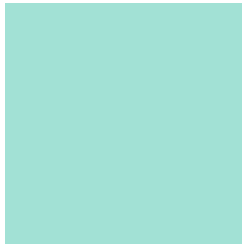
18.1751, 9.3370, 2.3217



1.2908, 0.6596, 0.3243

Previews

White Background



This preview shows how the XYZ color 53.8357, 66.3359, 72.9175 looks on a white background.

Color Contrast Check

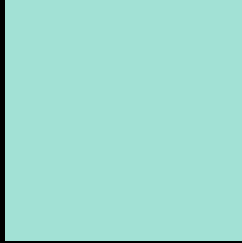
Large Text (above 18pt) WCAG AA × Fail

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 53.8357, 66.3359, 72.9175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

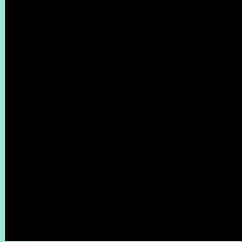
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

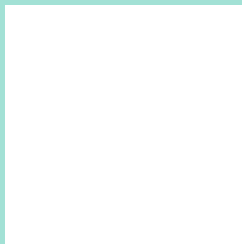
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8357, 66.3359, 72.9175

Background



This preview shows how black text looks on a background with the XYZ color 53.8357, 66.3359, 72.9175.



This preview shows how white text looks on a background with the XYZ color 53.8357, 66.3359,

72.9175.

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

53.8357, 66.3359, 72.9175

Protanopia

62.9290, 65.7480, 67.1315

Deuteranopia

66.9888, 65.4954, 74.7568



Tritanopia

57.5849, 66.2697, 91.4176

Trichromacy



Original Color

53.8357, 66.3359, 72.9175

Protanomaly

58.9670, 65.5361, 69.2164

Deuteranomaly

61.1150, 65.0240, 74.2955

Tritanomaly

56.1301, 66.0627, 84.6559

Monochromacy



Original Color

53.8357, 66.3359, 72.9175

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

55.9149, 62.4599, 68.7834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8357, 66.3359, 72.9175 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(162, 225, 213)` looks like.

```
.text, #text, p{  
    color:rgb(162, 225, 213)  
}
```

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(162, 225, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 225, 213) }
```

Border

The CSS property to change the border of an element to XYZ 53.8357, 66.3359, 72.9175 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(162, 225, 213) }
```


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

```
.border{ border-color:rgb(162, 225, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 225, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 225, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 225, 213);  
box-shadow:4px 4px 4px 4px rgb(162, 225,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8357, 66.3359, 72.9175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 225, 213) }
```

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

```
.background{ background-color: rgb(162,  
225, 213) }
```

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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