

Converting Colors

XYZ(53.9409, 58.0136, 71.0975)

Have a look what the booklet for
XYZ(53.9409, 58.0136, 71.0975)
contains.

XYZ(54.1052, 58.2073, 71.3343)	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(54.1052, 58.2073,
71.3343)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCBD5
RGB	188, 203, 213
RGB Percent	74%, 80%, 84%
CMY	0.2627, 0.2039, 0.1647
CMYK	0.12, 0.05, 0.00, 0.16
HSL	204°, 23%, 79%
HSV	204°, 12%, 84%
XYZ	54.1052, 58.2073, 71.3343
YIQ	199.6550, -12.1500, -0.0700

Conversions

Conversions Part 2

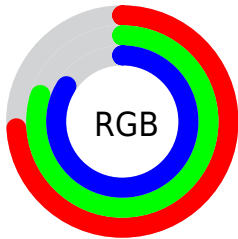
Format	Color
R _Y B	188, 197, 213
Decimal	12372949
CIE Lab	80.85, -3.09, -6.71
CIE LCh	81, 7.391, 245.293
Yxy	58.2073, 0.2946, 0.3170
Android (android.graphics.Color)	4290563029 (0xFFBCCBD5)
YUV	199.6550, 6.5791, -10.2214
Hunter-Lab	76.2937, -6.9272, -2.0303

Details

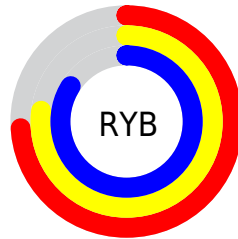
The XYZ color **54.1052, 58.2073, 71.3343** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7121, 58.1649, 55.8159**, and the grayscale version is **54.6551, 57.5015, 62.6191**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **26.9107, 29.1144, 36.5491** is the 20% darker color. If you saturate the color by 10%, you get **47.2841, 51.7878, 70.4556**, and if you desaturate by 10%, it is **61.8146, 65.2519, 72.2886**.

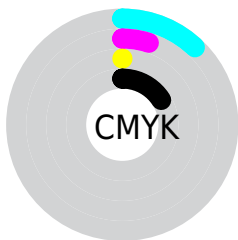
Distribution



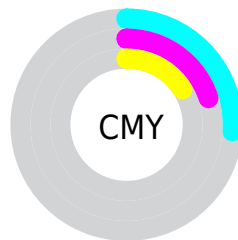
- Red (74%)
- Green (80%)
- Blue (84%)



- Red (74%)
- Yellow (77%)
- Blue (84%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (26%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1052, 58.2073, 71.3343 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 54.1052, 58.2073, 71.3343 by changing the saturation by 10% instead.

■ 54.1052, 58.2073,
71.3343

■ 54.1052, 58.2073,
71.3343

392.7029,
417.9579, 484.1363

■ 38.9168, 41.9753,
52.1315

■ 95.3847, 102.2247,
122.8085

■ 26.8754, 29.0820,
36.7270

122.2064,
130.7789, 155.9170

■ 17.6158, 19.1428,
24.7020

153.6367,
164.2093, 194.4979

■ 10.7725, 11.7735,
15.6382

190.0408,
202.9002, 238.9697

■ 5.9802, 6.5897,
9.1169

231.7841,
247.2362, 289.7509

■ 2.8736, 3.2068,
4.7197

279.2320,

■ 1.0873, 1.2406,

297.6015, 347.2600

2.0279

332.7498,
354.3807, 411.9156

■ 0.0144, 0.0945,
0.5724

■ 0.0000, 0.0000,
0.0000

■ 54.1052, 58.2073,
71.3343

■ 54.1052, 58.2073,
71.3343

■ 47.2841, 51.7878,
70.4556

■ 61.8146, 65.2519,
72.2886

■ 41.3108, 45.9653,
69.6466

■ 70.4408, 72.9342,
73.3168

■ 36.1487, 40.7197,
68.9062

■ 80.0169, 81.2754,
74.4221

■ 31.7568, 36.0273,
68.2319

■ 83.5563, 86.6760,
75.2780

■ 28.0899, 31.8619,
67.6212

■ 86.0824, 91.7282,
76.1200

■ 25.0978, 28.1946,
67.0710

■ 88.7273, 97.0178,
77.0016

■ 22.7231, 24.9930,
66.5782

■ 89.0104, 97.5842,
77.0960

■ 20.8974, 22.2187,
66.1390

■ 19.7068, 20.1969,
65.8115

Harmonies

Analogous

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



52.9605, 58.2073, 68.3653



54.1052, 58.2073, 71.3343



55.5958, 58.2073, 72.1320

Triad

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



54.1052, 58.2073, 71.3343



58.3020, 58.2073, 62.6047



53.6439, 58.2073, 56.7544

Complementary

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



54.1052, 58.2073, 71.3343



56.7121, 58.1649, 55.8159

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.



55.0537, 58.2073, 55.3623



54.1052, 58.2073, 71.3343



57.7574, 58.2073, 58.6391

Square

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



54.1052, 58.2073, 71.3343



58.0368, 58.2073, 66.9607



56.5616, 58.2073, 56.0362



52.6976, 58.2073, 59.9252

Rectangle

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



54.1052, 58.2073, 71.3343



56.5892, 58.2073, 71.2949



56.5616, 58.2073, 56.0362



54.0783, 58.2073, 56.0697

Sweetspot

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



54.1069, 58.2097, 71.3356



90.1090, 95.5416, 108.2999



54.6793, 62.3389, 62.3262



19.0935, 20.2741, 23.1569



0.0000, 0.0000, 0.0000



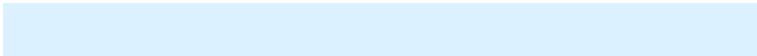
20.3446, 21.4041, 23.3091

Same Dimension

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



54.1069, 58.2097, 71.3356



78.7274, 85.0740, 106.8793



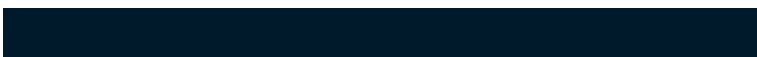
51.3630, 52.7218, 70.4209



12.3562, 13.2358, 15.8410



12.1399, 12.5417, 40.2341



0.8122, 0.9164, 2.4534

Inverse Universe

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



56.2046, 54.4256, 64.0456



82.4858, 78.4141, 93.7911



59.5858, 63.9123, 56.7738



12.7330, 12.5447, 14.5342



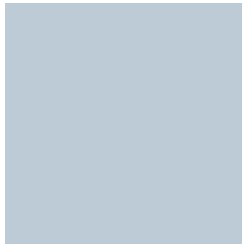
19.1865, 9.6109, 13.5523



1.1976, 0.5958, 1.0300

Previews

White Background



This preview shows how the XYZ color 54.1052, 58.2073, 71.3343 looks on a white background.

Color Contrast Check

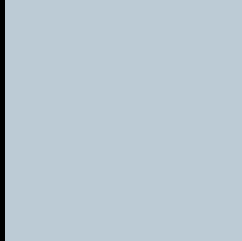
Large Text (above 18pt) WCAG AA × Fail

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 54.1052, 58.2073, 71.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

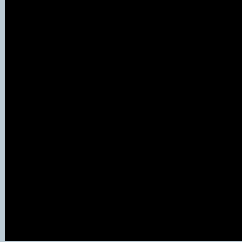
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

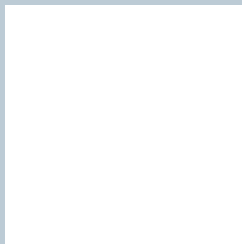
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1052, 58.2073, 71.3343

Background



This preview shows how black text looks on a background with the XYZ color 54.1052, 58.2073, 71.3343.

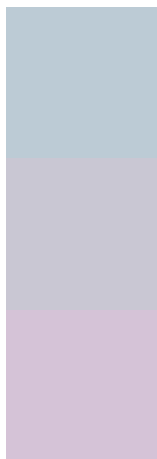


This preview shows how white text looks on a background with the XYZ color 54.1052, 58.2073,

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

54.1052, 58.2073, 71.3343

Protanopia

56.2687, 57.9675, 69.8512

Deuteranopia

59.2214, 58.0826, 72.3797



Tritanopia

54.7617, 58.1218, 74.6621

Trichromacy



Original Color

54.1052, 58.2073, 71.3343

Protanomaly

55.3029, 57.7978, 70.5287

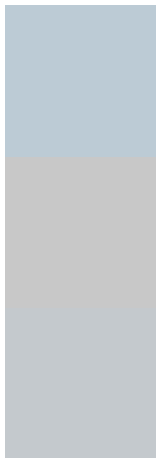
Deuteranomaly

57.2335, 58.0806, 71.8125

Tritanomaly

54.5015, 58.0177, 73.2918

Monochromacy



Original Color

54.1052, 58.2073, 71.3343

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.6710, 57.9168, 66.0552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1052, 58.2073, 71.3343 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(188, 203, 213)` looks like.

```
.text, #text, p{  
    color:rgb(188, 203, 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(188, 203, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 203, 213) }
```

Border

The CSS property to change the border of an element to XYZ 54.1052, 58.2073, 71.3343 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(188, 203, 213) }
```


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

```
.border{ border-color:rgb(188, 203, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 203, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 203, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 203, 213);  
box-shadow:4px 4px 4px 4px rgb(188, 203,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1052, 58.2073, 71.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 203, 213) }
```

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

```
.background{ background-color: rgb(188,  
203, 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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