

Converting Colors

XYZ(53.4475, 56.6839, 71.3886)

Have a look what the booklet for
XYZ(53.4475, 56.6839, 71.3886)
contains.

XYZ(53.4036, 56.8040, 71.1004)	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(53.4036, 56.8040,
71.1004)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC8D5
RGB	188, 200, 213
RGB Percent	74%, 78%, 84%
CMY	0.2627, 0.2157, 0.1647
CMYK	0.12, 0.06, 0.00, 0.16
HSL	211°, 23%, 79%
HSV	211°, 12%, 84%
XYZ	53.4036, 56.8040, 71.1004
YIQ	197.8940, -11.3250, 1.4990

Conversions

Conversions Part 2

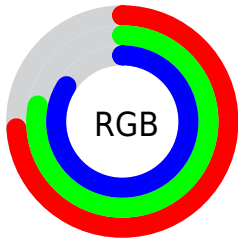
Format	Color
R_{YB}	188, 196, 213
Decimal	12372181
CIE _{Lab}	80.07, -1.51, -7.88
CIE _{LCh}	80, 8.020, 259.177
Yxy	56.8040, 0.2945, 0.3133
Android (android.graphics.Color)	4290562261 (0xFFBCC8D5)
YUV	197.8940, 7.4473, -8.6770
Hunter-Lab	75.3684, -5.4155, -3.1746

Details

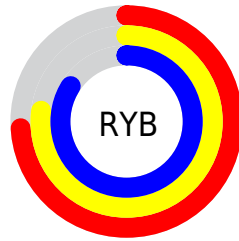
The XYZ color **53.4036, 56.8040, 71.1004** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4048, 59.5502, 56.0470**, and the grayscale version is **53.5746, 56.3647, 61.3812**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **26.4421, 28.1773, 36.3929** is the 20% darker color. If you saturate the color by 10%, you get **46.0665, 49.3525, 70.0497**, and if you desaturate by 10%, it is **61.7042, 65.0310, 72.2518**.

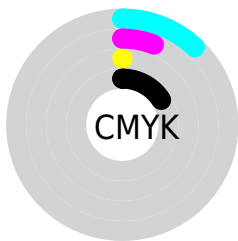
Distribution



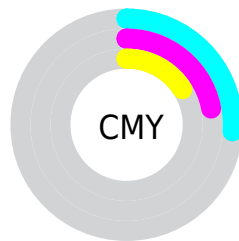
- Red (74%)
- Green (78%)
- Blue (84%)



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



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (26%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4036, 56.8040, 71.1004 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 53.4036, 56.8040, 71.1004 by changing the saturation by 10% instead.

■ 53.4036, 56.8040,
71.1004

■ 53.4036, 56.8040,
71.1004

390.0672,
412.7145, 483.2974

■ 38.3538, 40.8479,
51.9418

■ 94.3600, 100.1791,
122.4725

■ 26.4359, 28.2003,
36.5768

120.9974,
128.3670, 155.5230

■ 17.2844, 18.4767,
24.5868

152.2280,
161.4008, 194.0413

■ 10.5340, 11.2928,
15.5532

188.4172,
199.6651, 238.4458

■ 5.8194, 6.2641,
9.0577

229.9304,
243.5442, 289.1552

■ 2.7752, 3.0063,
4.6815

277.1329,

■ 1.0360, 1.1350,

293.4226, 346.5878

2.0062

330.3900,
349.6845, 411.1624

■ 0.0000, 0.0077,
0.5591

■ 0.0000, 0.0000,
0.0000

■ 53.4036, 56.8040,
71.1004

■ 53.4036, 56.8040,
71.1004

■ 46.0665, 49.3525,
70.0497

■ 61.7042, 65.0310,
72.2518

■ 39.6503, 42.6442,
69.0931

■ 70.9989, 74.0504,
73.5028

■ 34.1162, 36.6547,
68.2286

■ 81.3230, 83.8873,
74.8574

■ 29.4209, 31.3553,
67.4532

■ 85.6914, 90.9461,
75.9896

■ 25.5166, 26.7151,
66.7634

■ 89.0104, 97.5842,
77.0960

■ 22.3506, 22.7002,
66.1553

■ 19.8629, 19.2726,
65.6248

■ 17.9821, 16.3882,
65.1672

■ 16.7876, 14.3586,
64.8384

Harmonies

Analogous

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



51.9657, 56.8040, 68.9005



53.4036, 56.8040, 71.1004



55.0275, 56.8040, 70.7293

Triad

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



53.4036, 56.8040, 71.1004



57.0079, 56.8040, 58.9454



51.6513, 56.8040, 56.1608

Complementary

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



53.4036, 56.8040, 71.1004



57.4048, 59.5502, 56.0470

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.



52.9666, 56.8040, 53.7466



53.4036, 56.8040, 71.1004



56.0673, 56.8040, 55.2975

Square

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



53.4036, 56.8040, 71.1004



57.1306, 56.8040, 63.5522



54.5817, 56.8040, 53.4387



50.9676, 56.8040, 60.1782

Rectangle

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



53.4036, 56.8040, 71.1004



55.9965, 56.8040, 69.0789



54.5817, 56.8040, 53.4387



52.0330, 56.8040, 55.1437

Sweetspot

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



53.4053, 56.8064, 71.1017



89.7280, 94.7796, 108.1729



55.0672, 62.4940, 64.3682



18.9971, 20.0812, 23.1248



0.0000, 0.0000, 0.0000



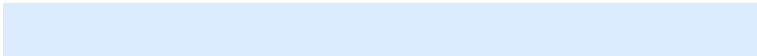
20.3446, 21.4041, 23.3091

Same Dimension

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



53.4053, 56.8064, 71.1017



77.4760, 82.5710, 106.4621



50.8365, 51.5162, 70.2159



12.2296, 12.9826, 15.7988



10.3556, 8.9730, 39.6393



0.7072, 0.7065, 2.4184

Inverse Universe

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



55.8505, 54.2840, 62.1805



81.8542, 78.1614, 90.4647



60.1922, 65.3042, 57.0107



12.6691, 12.5191, 14.1977



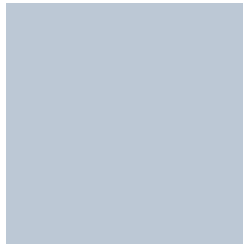
18.2859, 9.2507, 8.8095



1.1446, 0.5746, 0.7510

Previews

White Background



This preview shows how the XYZ color 53.4036, 56.8040, 71.1004 looks on a white background.

Color Contrast Check

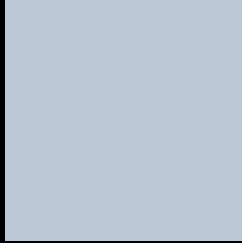
Large Text (above 18pt) WCAG AA × Fail

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 53.4036, 56.8040, 71.1004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

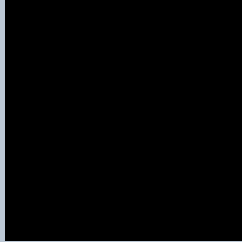
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

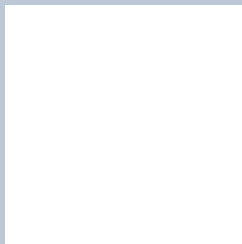
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4036, 56.8040, 71.1004

Background



This preview shows how black text looks on a background with the XYZ color 53.4036, 56.8040, 71.1004.

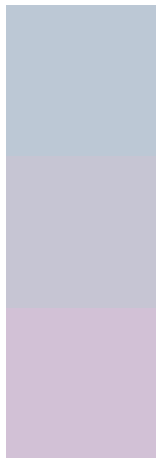


This preview shows how white text looks on a background with the XYZ color 53.4036, 56.8040,

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

53.4036, 56.8040, 71.1004

Protanopia

55.0128, 56.6414, 69.6614

Deuteranopia

57.7859, 56.6966, 71.5162



Tritanopia

53.6591, 56.9062, 72.4458

Trichromacy



Original Color

53.4036, 56.8040, 71.1004

Protanomaly

54.3259, 56.6110, 70.3511

Deuteranomaly

56.2346, 56.8915, 71.6356

Tritanomaly

53.5309, 56.8550, 71.7711

Monochromacy



Original Color

53.4036, 56.8040, 71.1004

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.4511, 56.6280, 64.6130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4036, 56.8040, 71.1004 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, 200, 213) looks like.

```
.text, #text, p{  
    color:rgb(188, 200, 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, 200, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 200, 213) }
```

Border

The CSS property to change the border of an element to XYZ 53.4036, 56.8040, 71.1004 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, 200, 213) }
```


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

```
.border{ border-color:rgb(188, 200, 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, 200, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 200, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 200, 213);  
box-shadow:4px 4px 4px 4px rgb(188, 200,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4036, 56.8040, 71.1004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 200, 213) }
```

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

```
.background{ background-color: rgb(188,  
200, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor