

Converting Colors

XYZ(53.1418, 56.7974, 80.3324)

Have a look what the booklet for
XYZ(53.1418, 56.7974, 80.3324)
contains.

XYZ(53.2045, 56.8480, 80.1201)	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(53.2045, 56.8480,
80.1201)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C9E2
RGB	179, 201, 226
RGB Percent	70%, 79%, 89%
CMY	0.2980, 0.2117, 0.1137
CMYK	0.21, 0.11, 0.00, 0.11
HSL	212°, 45%, 79%
HSV	212°, 21%, 89%
XYZ	53.2045, 56.8480, 80.1201
YIQ	197.2720, -21.1370, 3.1110

Conversions

Conversions Part 2

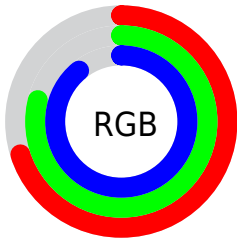
Format	Color
RYB	179, 194, 226
Decimal	11782626
CIELab	80.09, -2.13, -14.88
CIELCh	80, 15.033, 261.869
Yxy	56.8480, 0.2798, 0.2989
Android (android.graphics.Color)	4289972706 (0xFFB3C9E2)
YUV	197.2720, 14.1629, -16.0245
Hunter-Lab	75.3976, -5.9869, -10.2253

Details

The XYZ color **53.2045, 56.8480, 80.1201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0941, 62.6092, 51.5138**, and the grayscale version is **53.1629, 55.9315, 60.9094**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **26.3886, 28.2433, 42.5888** is the 20% darker color. If you saturate the color by 10%, you get **45.7101, 48.9875, 78.9988**, and if you desaturate by 10%, it is **61.7777, 65.5930, 81.3571**.

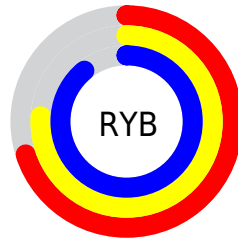
Distribution



Red (70%)

Green (79%)

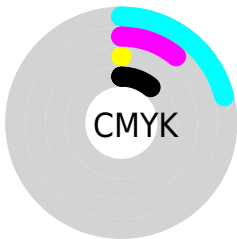
Blue (89%)



Red (70%)

Yellow (76%)

Blue (89%)

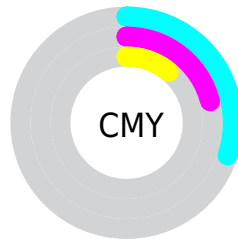


Cyan (21%)

Magenta (11%)

Yellow (0%)

Black (11%)



Cyan (30%)

Magenta (21%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2045, 56.8480, 80.1201 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 53.2045, 56.8480, 80.1201 by changing the saturation by 10% instead.

■ 53.2045, 56.8480,
80.1201

■ 53.2045, 56.8480,
80.1201

389.3172,
412.8795, 515.0549

■ 38.1942, 40.8832,
59.2904

■ 94.0690, 100.2434,
135.3475

■ 26.3113, 28.2278,
42.4254

120.6538,
128.4427, 170.5823

■ 17.1906, 18.4975,
29.1065

151.8276,
161.4891, 211.4559

■ 10.4666, 11.3077,
18.9151

187.9556,
199.7668, 258.3869

■ 5.7740, 6.2742,
11.4328

229.4032,
243.6604, 311.7937

■ 2.7475, 3.0125,
6.2409

276.5358,

■ 1.0217, 1.1383,

293.5540, 372.0950

2.9210

329.7187,
349.8323, 439.7092

■ 0.0000, 0.0104,
1.0544

■ 0.0000, 0.0000,
0.0000

■ 53.2045, 56.8480,
80.1201

■ 53.2045, 56.8480,
80.1201

■ 45.7101, 48.9875,
78.9988

■ 61.7777, 65.5930,
81.3571

■ 39.2427, 41.9732,
77.9858

■ 71.4682, 75.2453,
82.7095

■ 33.7536, 35.7736,
77.0784

■ 82.3188, 85.8353,
84.1816

■ 29.1881, 30.3527,
76.2727

■ 88.8696, 94.5550,
85.5195

■ 25.4852, 25.6706,
75.5642

■ 90.7276, 98.2711,
86.1388

■ 22.5757, 21.6831,
74.9478

■ 20.3781, 18.3390,
74.4182

■ 18.8610, 15.7578,
73.9999

Harmonies

Analogous

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



50.4805, 56.8480, 76.1194



53.2045, 56.8480, 80.1201



56.2534, 56.8480, 78.8876

Triad

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



53.2045, 56.8480, 80.1201



59.6780, 56.8480, 55.8316



49.5355, 56.8480, 52.0664

Complementary

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



53.2045, 56.8480, 80.1201



61.0941, 62.6092, 51.5138

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.



51.8705, 56.8480, 47.5413



53.2045, 56.8480, 80.1201



57.7469, 56.8480, 49.5680

Square

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



53.2045, 56.8480, 80.1201



60.0680, 56.8480, 64.3115



54.8687, 56.8480, 46.6718



48.4151, 56.8480, 59.5452

Rectangle

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



53.2045, 56.8480, 80.1201



58.0547, 56.8480, 75.3114



54.8687, 56.8480, 46.6718



50.2001, 56.8480, 50.1797

Sweetspot

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



53.2062, 56.8503, 80.1214



87.1021, 92.1303, 107.7999



56.6012, 68.3028, 66.8788



18.4654, 19.5421, 23.0487



0.0000, 0.0000, 0.0000



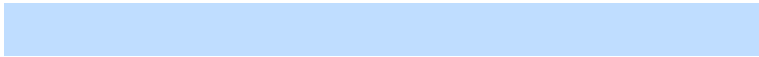
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2062, 56.8503, 80.1214



65.4800, 70.0912, 104.6855



48.6207, 47.4098, 78.5409



13.4784, 14.2959, 17.4367



10.8767, 9.2229, 42.2553



0.8429, 0.8173, 2.9586

Inverse Universe

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



58.0281, 52.6273, 62.3606



72.9890, 63.8562, 76.9506



66.4530, 73.6908, 53.3704



13.9729, 13.8068, 15.6277



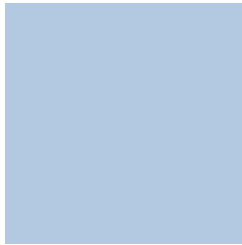
19.4303, 9.8391, 8.9314



1.3917, 0.7000, 0.8557

Previews

White Background



This preview shows how the XYZ color 53.2045, 56.8480, 80.1201 looks on a white background.

Color Contrast Check

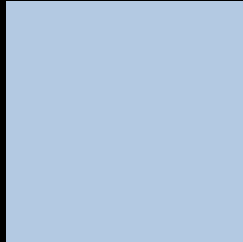
Large Text (above 18pt) WCAG AA × Fail

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 53.2045, 56.8480, 80.1201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

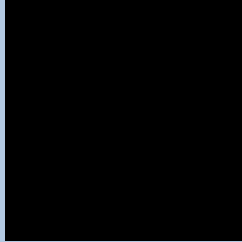
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

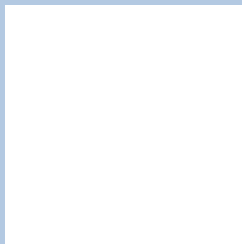
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2045, 56.8480, 80.1201

Background



This preview shows how black text looks on a background with the XYZ color 53.2045, 56.8480, 80.1201.



This preview shows how white text looks on a background with the XYZ color 53.2045, 56.8480,

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

53.2045, 56.8480, 80.1201

Protanopia

55.5337, 56.7296, 77.8350

Deuteranopia

57.9754, 56.5787, 81.2639



Tritanopia

52.1355, 56.7680, 74.5391

Trichromacy



Original Color

53.2045, 56.8480, 80.1201

Protanomaly

54.6349, 56.5888, 78.5642

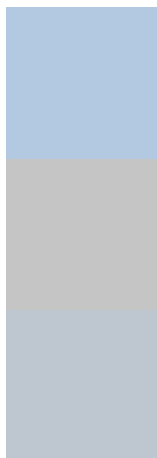
Deuteranomaly

56.1107, 56.6280, 80.6460

Tritanomaly

52.5318, 56.9265, 76.6258

Monochromacy



Original Color

53.2045, 56.8480, 80.1201

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.8145, 55.8894, 67.6786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2045, 56.8480, 80.1201 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(179, 201, 226)` looks like.

```
.text, #text, p{  
    color:rgb(179, 201, 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(179, 201, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 201, 226) }
```

Border

The CSS property to change the border of an element to XYZ 53.2045, 56.8480, 80.1201 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(179, 201, 226) }
```


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

```
.border{ border-color:rgb(179, 201, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 201, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 201, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 201, 226);  
box-shadow:4px 4px 4px 4px rgb(179, 201,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2045, 56.8480, 80.1201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 201, 226) }
```

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

```
.background{ background-color: rgb(179,  
201, 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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