

Converting Colors

XYZ(50.9031, 53.2841, 66.8920)

Have a look what the booklet for
XYZ(50.9031, 53.2841, 66.8920)
contains.

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Color

**XYZ(50.8260, 53.2097,
66.6232)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC1CF
RGB	187, 193, 207
RGB Percent	73%, 76%, 81%
CMY	0.2667, 0.2431, 0.1882
CMYK	0.10, 0.07, 0.00, 0.19
HSL	222°, 17%, 77%
HSV	222°, 10%, 81%
XYZ	50.8260, 53.2097, 66.6232
YIQ	192.8020, -8.0700, 3.0820

Conversions

Conversions Part 2

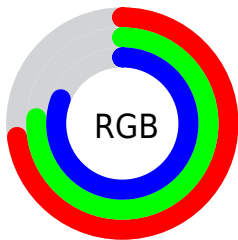
Format	Color
RYB	187, 192, 207
Decimal	12304847
CIELab	78.00, 0.67, -7.73
CIELCh	78, 7.755, 274.966
Yxy	53.2097, 0.2978, 0.3118
Android (android.graphics.Color)	4290494927 (0xFFBBC1CF)
YUV	192.8020, 6.9996, -5.0884
Hunter-Lab	72.9450, -3.2800, -3.0901

Details

The XYZ color **50.8260, 53.2097, 66.6232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5888, 58.6263, 55.4010**, and the grayscale version is **50.5372, 53.1691, 57.9011**.

A 20% lighter version of the original color is **88.8878, 94.0260, 108.0717**, and **24.9594, 26.1244, 33.8640** is the 20% darker color. If you saturate the color by 10%, you get **43.0753, 44.6916, 65.3884**, and if you desaturate by 10%, it is **59.6235, 62.7361, 67.9991**.

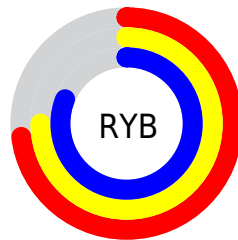
Distribution



Red (73%)

Green (76%)

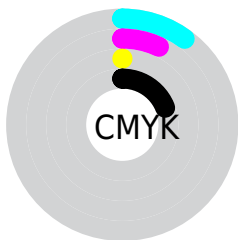
Blue (81%)



Red (73%)

Yellow (75%)

Blue (81%)

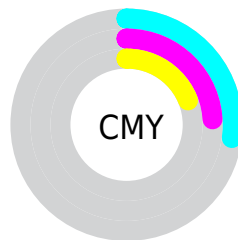


Cyan (10%)

Magenta (7%)

Yellow (0%)

Black (19%)



Cyan (27%)

Magenta (24%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8260, 53.2097, 66.6232 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 50.8260, 53.2097, 66.6232 by changing the saturation by 10% instead.

■ 50.8260, 53.2097,
66.6232

■ 50.8260, 53.2097,
66.6232

380.2862,
399.0891, 467.0673

■ 36.2906, 37.9702,
48.3188

■ 90.5820, 94.9129,
116.0158

■ 24.8299, 25.9596,
33.7176

116.5334,
122.1453, 147.9412

■ 16.0784, 16.7934,
22.4012

147.0209,
154.1442, 185.2439

■ 9.6709, 10.0873,
13.9508

182.4097,
191.2940, 228.3425

■ 5.2419, 5.4569,
7.9481

223.0653,
233.9789, 277.6557

■ 2.4261, 2.5177,
3.9745

269.3530,

■ 0.8581, 0.8855,

282.5835, 333.6018

1.6113

321.6382,
337.4921, 396.5995

■ 0.0000, 0.0000,
0.2989

■ 0.0000, 0.0000,
0.0000

■ 50.8260, 53.2097,
66.6232

■ 50.8260, 53.2097,
66.6232

■ 43.0753, 44.6916,
65.3884

■ 59.6235, 62.7361,
67.9991

■ 36.3267, 37.1410,
64.2867

■ 69.5011, 73.2964,
69.5169

■ 30.5391, 30.5244,
63.3146

■ 80.4961, 84.9236,
71.1816

■ 25.6666, 24.8033,
62.4671

■ 86.9855, 94.7308,
72.7326

■ 21.6592, 19.9367,
61.7389

■ 88.2626, 97.2851,
73.1583

■ 18.4621, 15.8798,
61.1244

■ 16.0135, 12.5832,
60.6171

■ 14.2417, 9.9913,
60.2102

■ 13.0278, 8.0223,
59.8942

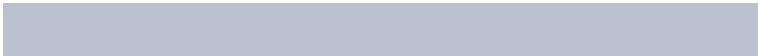
Harmonies

Analogous

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



49.3553, 53.2097, 65.8032



50.8260, 53.2097, 66.6232



52.2568, 53.2097, 65.0227

Triad

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



50.8260, 53.2097, 66.6232



52.9916, 53.2097, 53.2996



47.9884, 53.2097, 54.4877

Complementary

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



50.8260, 53.2097, 66.6232



55.5888, 58.6263, 55.4010

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.



48.9282, 53.2097, 51.3845



50.8260, 53.2097, 66.6232



51.8131, 53.2097, 50.7228

Square

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



50.8260, 53.2097, 66.6232



53.5228, 53.2097, 57.2194



50.3233, 53.2097, 50.0394



47.7359, 53.2097, 58.6592

Rectangle

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



50.8260, 53.2097, 66.6232



52.9895, 53.2097, 62.8431



50.3233, 53.2097, 50.0394



48.2335, 53.2097, 53.2918

Sweetspot

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



50.8276, 53.2119, 66.6244



90.6070, 95.2092, 108.2095



53.3108, 59.3928, 63.7081



19.1452, 20.1101, 23.1225



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.



50.8276, 53.2119, 66.6244



78.2191, 81.7403, 106.2626



50.4360, 51.0800, 66.2335



11.4488, 11.9879, 14.9541



8.2585, 5.1635, 37.7539



0.5312, 0.4276, 2.1341

Inverse Universe

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



53.1294, 52.6575, 57.8183



82.7948, 80.7032, 88.7424



56.0029, 60.9578, 55.8292



11.9527, 11.8658, 13.0266



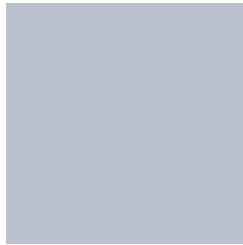
16.7992, 8.5925, 3.8489



0.9744, 0.4945, 0.3998

Previews

White Background



This preview shows how the XYZ color 50.8260, 53.2097, 66.6232 looks on a white background.

Color Contrast Check

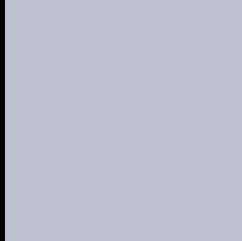
Large Text (above 18pt) WCAG AA × Fail

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 50.8260, 53.2097, 66.6232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

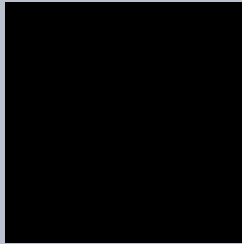
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8260, 53.2097, 66.6232

Background



This preview shows how black text looks on a background with the XYZ color 50.8260, 53.2097, 66.6232.

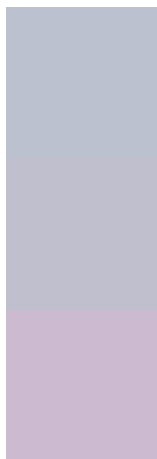


This preview shows how white text looks on a background with the XYZ color 50.8260, 53.2097,

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

50.8260, 53.2097, 66.6232

Protanopia

51.5096, 52.9243, 65.8931

Deuteranopia

54.0573, 52.9321, 67.0423



Tritanopia

50.9486, 53.2588, 67.2692

Trichromacy



Original Color

50.8260, 53.2097, 66.6232

Protanomaly

51.2254, 53.1027, 65.9425

Deuteranomaly

52.8715, 52.9550, 67.1092

Tritanomaly

50.9486, 53.2588, 67.2692

Monochromacy



Original Color

50.8260, 53.2097, 66.6232

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.7489, 53.2935, 61.0380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8260, 53.2097, 66.6232 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(187, 193, 207)` looks like.

```
.text, #text, p{  
    color:rgb(187, 193, 207)  
}
```

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(187, 193, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 193, 207) }
```

Border

The CSS property to change the border of an element to XYZ 50.8260, 53.2097, 66.6232 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(187, 193, 207) }
```


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

```
.border{ border-color:rgb(187, 193, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 193, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 193, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 193, 207);  
box-shadow:4px 4px 4px 4px rgb(187, 193,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8260, 53.2097, 66.6232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 193, 207) }
```

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

```
.background{ background-color: rgb(187,  
193, 207) }
```

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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