

Converting Colors

XYZ(50.5242, 54.4582, 55.9977)

Have a look what the booklet for
XYZ(50.5242, 54.4582, 55.9977)
contains.

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Color

**XYZ(50.6374, 54.6830,
56.0301)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC5BD
RGB	191, 197, 189
RGB Percent	75%, 77%, 74%
CMY	0.2510, 0.2274, 0.2588
CMYK	0.03, 0.00, 0.04, 0.23
HSL	105°, 6%, 76%
HSV	105°, 4%, 77%
XYZ	50.6374, 54.6830, 56.0301
YIQ	194.2940, -1.0080, -3.7600

Conversions

Conversions Part 2

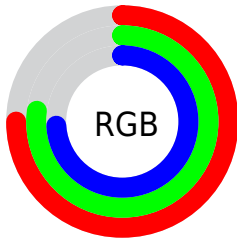
Format	Color
RYB	189, 197, 195
Decimal	12567997
CIELab	78.86, -3.54, 3.28
CIElCh	79, 4.823, 137.162
Yxy	54.6830, 0.3138, 0.3389
Android (android.graphics.Color)	4290758077 (0xFFBFC5BD)
YUV	194.2940, -2.6099, -2.8888
Hunter-Lab	73.9480, -7.1773, 6.8397

Details

The XYZ color **50.6374, 54.6830, 56.0301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7835, 52.0300, 60.1924**, and the grayscale version is **51.4690, 54.1494, 58.9687**.

A 20% lighter version of the original color is **90.2810, 97.2504, 100.3991**, and **24.7476, 26.8258, 27.1661** is the 20% darker color. If you saturate the color by 10%, you get **45.1120, 52.0667, 45.3566**, and if you desaturate by 10%, it is **56.8314, 57.6136, 68.2535**.

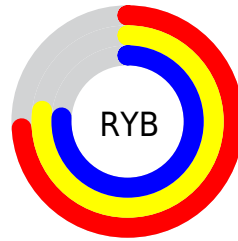
Distribution



Red (75%)

Green (77%)

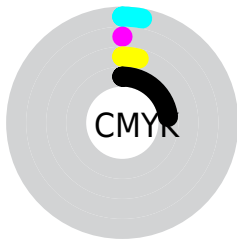
Blue (74%)



Red (74%)

Yellow (77%)

Blue (76%)

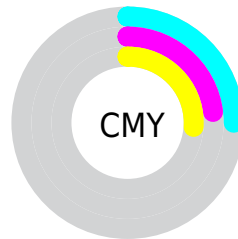


Cyan (3%)

Magenta (0%)

Yellow (4%)

Black (23%)



Cyan (25%)

Magenta (23%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6374, 54.6830, 56.0301 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 50.6374, 54.6830, 56.0301 by changing the saturation by 10% instead.

■ 50.6374, 54.6830,
56.0301

■ 50.6374, 54.6830,
56.0301

379.5643,
404.7092, 427.1964

■ 36.1400, 39.1480,
39.8229

■ 90.3047, 97.0763,
100.5348

■ 24.7129, 26.8749,
27.0878

116.2054,
124.7035, 129.6694

■ 15.9909, 17.4793,
17.4061

146.6378,
157.1301, 163.9502

■ 9.6085, 10.5768,
10.3595

181.9674,
194.7405, 203.7958

■ 5.2004, 5.7830,
5.5292

222.5595,
237.9193, 249.6247

■ 2.4013, 2.7136,
2.4969

268.7794,

■ 0.8458, 0.9841,

287.0507, 301.8554

0.8385

320.9926,
342.5192, 360.9064

■ 0.0000, 0.0000,
0.0000

■ 50.6374, 54.6830,
56.0301

■ 50.6374, 54.6830,
56.0301

■ 45.1120, 52.0667,
45.3566

■ 56.8314, 57.6136,
68.2535

■ 40.2280, 49.7472,
36.1677

■ 63.7110, 60.8612,
82.0814

■ 35.9628, 47.7160,
28.3986

■ 71.2984, 64.4377,
97.5705

■ 32.2910, 45.9614,
21.9784

■ 77.4824, 67.4996,
103.5527

■ 29.1851, 44.4709,
16.8301

■ 79.2573, 68.4147,
103.6358

■ 26.6154, 43.2312,
12.8691

■ 24.5495, 42.2276,
10.0002

■ 22.9506, 41.4434,
8.1137

■ 21.7767, 40.8599,
7.0772

Harmonies

Analogous

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



51.4337, 54.6830, 54.6477



50.6374, 54.6830, 56.0301



50.2017, 54.6830, 58.3777

Triad

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



50.6374, 54.6830, 56.0301



51.5669, 54.6830, 64.8258



53.7519, 54.6830, 57.9995

Complementary

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



50.6374, 54.6830, 56.0301



50.7835, 52.0300, 60.1924

Split Complementary

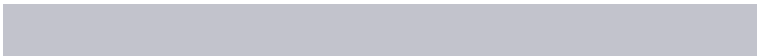
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.7887, 54.6830, 60.7186



50.6374, 54.6830, 56.0301



52.5192, 54.6830, 64.7169

Square

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



50.6374, 54.6830, 56.0301



50.7339, 54.6830, 63.4874



53.3350, 54.6830, 63.1945



53.2352, 54.6830, 55.7606

Rectangle

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



50.6374, 54.6830, 56.0301



50.1708, 54.6830, 60.1997



53.3350, 54.6830, 63.1945



53.8210, 54.6830, 58.8861

Sweetspot

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



50.6389, 54.6854, 56.0313



93.9419, 99.4758, 106.7193



51.7286, 54.5771, 55.9530



20.1191, 21.2975, 22.8653



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.



50.6389, 54.6854, 56.0313



89.6330, 97.4368, 98.2844



50.3582, 54.5153, 57.1599



11.2185, 12.2396, 12.2396



14.0383, 26.7323, 4.4200



0.7335, 1.3012, 0.2125

Inverse Universe

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



50.7835, 52.0300, 60.1924



89.9543, 91.5340, 107.5345



51.0759, 52.2071, 59.0171



11.2632, 11.4176, 13.5277



14.7149, 6.8200, 35.2852



0.7601, 0.3556, 1.6737

Previews

White Background



This preview shows how the XYZ color 50.6374, 54.6830, 56.0301 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 50.6374, 54.6830, 56.0301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

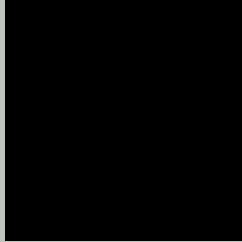
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

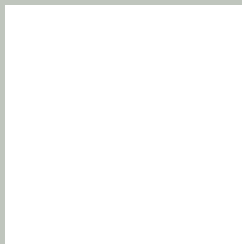
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6374, 54.6830, 56.0301

Background



This preview shows how black text looks on a background with the XYZ color 50.6374, 54.6830, 56.0301.



This preview shows how white text looks on a background with the XYZ color 50.6374, 54.6830,

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

50.6374, 54.6830, 56.0301

Protanopia

52.0808, 54.4508, 54.7788

Deuteranopia

55.6259, 54.6039, 56.8980



Tritanopia

53.0485, 54.6564, 68.0754

Trichromacy



Original Color

50.6374, 54.6830, 56.0301

Protanomaly

51.6182, 54.5314, 55.3820

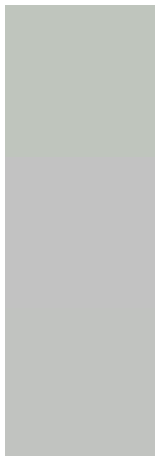
Deuteranomaly

53.5975, 54.5388, 56.4173

Tritanomaly

52.1681, 54.6319, 63.6726

Monochromacy



Original Color

50.6374, 54.6830, 56.0301

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.0219, 54.1734, 57.6366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6374, 54.6830, 56.0301 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(191, 197, 189)` looks like.

```
.text, #text, p{  
    color:rgb(191, 197, 189)  
}
```

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(191, 197, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 197, 189) }
```

Border

The CSS property to change the border of an element to XYZ 50.6374, 54.6830, 56.0301 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(191, 197, 189) }
```


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

```
.border{ border-color:rgb(191, 197, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 197, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 197, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 197, 189);  
box-shadow:4px 4px 4px 4px rgb(191, 197,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6374, 54.6830, 56.0301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 197, 189) }
```

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

```
.background{ background-color: rgb(191,  
197, 189) }
```

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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