

Converting Colors

XYZ(47.7874, 50.2246, 53.0753)

Have a look what the booklet for
XYZ(47.7874, 50.2246, 53.0753)
contains.

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Color

**XYZ(47.9754, 50.4164,
53.1017)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBCB9
RGB	190, 188, 185
RGB Percent	75%, 74%, 73%
CMY	0.2549, 0.2627, 0.2745
CMYK	0.00, 0.01, 0.03, 0.25
HSL	36°, 4%, 74%
HSV	36°, 3%, 75%
XYZ	47.9754, 50.4164, 53.1017
YIQ	188.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

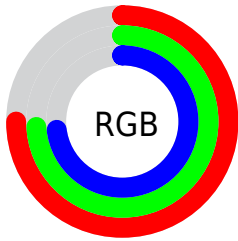
Format	Color
R_{YB}	188, 190, 185
Decimal	12500153
CIE Lab	76.32, 0.16, 1.75
CIE LCh	76, 1.759, 84.936
Yxy	50.4164, 0.3167, 0.3328
Android (android.graphics.Color)	4290690233 (0xFFBEB9)
YUV	188.2560, -1.6052, 1.5295
Hunter-Lab	71.0045, -3.6513, 5.3623

Details

The XYZ color **47.9754, 50.4164, 53.1017** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0722, 49.5719, 55.8032**, and the grayscale version is **47.9547, 50.4521, 54.9423**.

A 20% lighter version of the original color is **86.2339, 90.6451, 96.1703**, and **23.1454, 24.3123, 25.3026** is the 20% darker color. If you saturate the color by 10%, you get **44.5243, 46.5119, 42.7080**, and if you desaturate by 10%, it is **51.7827, 54.6029, 64.9378**.

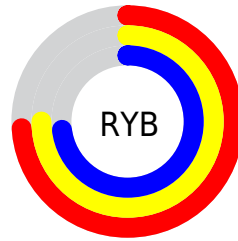
Distribution



Red (75%)

Green (74%)

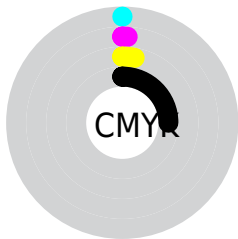
Blue (73%)



Red (74%)

Yellow (75%)

Blue (73%)

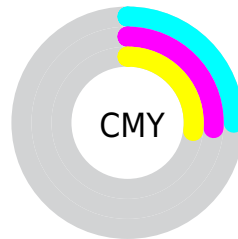


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (25%)



Cyan (25%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9754, 50.4164, 53.1017 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 47.9754, 50.4164, 53.1017 by changing the saturation by 10% instead.

■ 47.9754, 50.4164,
53.1017

■ 47.9754, 50.4164,
53.1017

369.2788,
388.2921, 415.7525

■ 34.0186, 35.7444,
37.4957

■ 86.3777, 90.7915,
96.1971

■ 23.0708, 24.2368,
25.2927

111.5539,
117.2634, 124.5235

■ 14.7668, 15.5094,
16.0743

141.2005,
148.4374, 157.9271

■ 8.7411, 9.1777,
9.4218

175.6831,
184.6978, 196.8265

■ 4.6285, 4.8572,
4.9168

215.3668,
226.4291, 241.6402

■ 2.0635, 2.1637,
2.1406

260.6171,

■ 0.6692, 0.7001,

274.0156, 292.7868

0.6398

311.7993,
327.8418, 350.6847

■ 0.0000, 0.0000,
0.0000

■ 47.9754, 50.4164,
53.1017

■ 47.9754, 50.4164,
53.1017

■ 44.5243, 46.5119,
42.7080

■ 51.7827, 54.6029,
64.9378

■ 41.4132, 42.8761,
33.6974

■ 55.9532, 59.0714,
78.2660

■ 38.6310, 39.5041,
26.0114

■ 60.4989, 63.8304,
93.1376

■ 36.1642, 36.3882,
19.5858

■ 64.4485, 68.4933,
104.4315

■ 33.9984, 33.5204,
14.3512

■ 66.4655, 72.5273,
105.1038

■ 32.1178, 30.8921,
10.2313

■ 68.5738, 76.7439,
105.8066

■ 30.5047, 28.4940,
7.1410

■ 70.7745, 81.1453,
106.5401

■ 29.1393, 26.3157,
4.9825

■ 73.0688, 85.7339,
107.3049

■ 27.9978, 24.3450,
3.6389

■ 75.0455, 89.6873,
107.9638

Harmonies

Analogous

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



48.2853, 50.4164, 53.4185



47.9754, 50.4164, 53.1017



47.6518, 50.4164, 53.2609

Triad

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



47.9754, 50.4164, 53.1017



47.3453, 50.4164, 55.6659



48.4414, 50.4164, 55.9472

Complementary

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



47.9754, 50.4164, 53.1017



47.0722, 49.5719, 55.8032

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.



48.1877, 50.4164, 56.5620



47.9754, 50.4164, 53.1017



47.5551, 50.4164, 56.3982

Square

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



47.9754, 50.4164, 53.1017



47.2890, 50.4164, 54.7344



47.8632, 50.4164, 56.7280



48.5551, 50.4164, 55.0557

Rectangle

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



47.9754, 50.4164, 53.1017



47.4718, 50.4164, 53.6164



47.8632, 50.4164, 56.7280



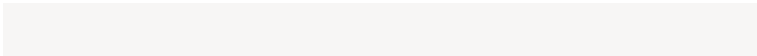
48.3696, 50.4164, 56.1935

Sweetspot

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



47.9768, 50.4186, 53.1028



88.0100, 92.5550, 99.5137



47.5545, 49.2337, 54.0111



19.3336, 20.3325, 21.8752



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



47.9768, 50.4186, 53.1028



86.6663, 91.0594, 95.3916



48.2816, 51.2133, 53.2401



10.4227, 10.9474, 11.3656



18.2096, 15.4580, 2.0239



0.7756, 0.7302, 0.1001

Inverse Universe

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



47.0722, 49.5719, 55.8032



84.7723, 89.2869, 101.0452



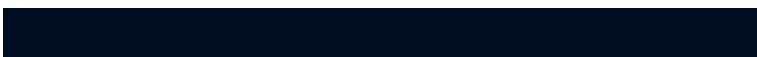
46.7724, 48.7930, 55.6687



10.1432, 10.6858, 12.2002



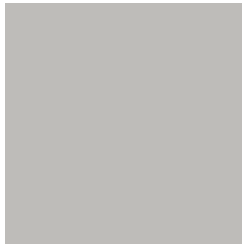
7.9650, 6.0417, 33.1393



0.3762, 0.3651, 1.3195

Previews

White Background



This preview shows how the XYZ color 47.9754, 50.4164, 53.1017 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 47.9754, 50.4164, 53.1017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

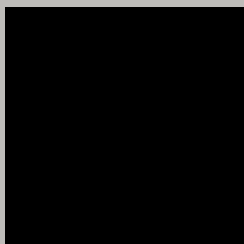
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

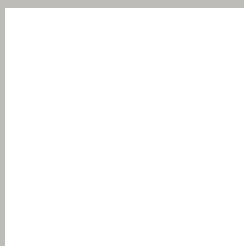
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.9754, 50.4164, 53.1017

Background



This preview shows how black text looks on a background with the XYZ color 47.9754, 50.4164, 53.1017.



This preview shows how white text looks on a background with the XYZ color 47.9754, 50.4164,

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

47.9754, 50.4164, 53.1017

Protanopia

48.2655, 50.2499, 53.0543

Deuteranopia

51.3230, 50.2665, 53.4518



Tritanopia

49.7225, 50.4944, 61.7693

Trichromacy



Original Color

47.9754, 50.4164, 53.1017

Protanomaly

48.0131, 50.1198, 53.0425

Deuteranomaly

50.0908, 50.2437, 53.5123

Tritanomaly

49.1065, 50.5571, 58.8001

Monochromacy



Original Color

47.9754, 50.4164, 53.1017

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.9391, 50.3731, 54.2100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9754, 50.4164, 53.1017 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(190, 188, 185)` looks like.

```
.text, #text, p{  
    color:rgb(190, 188, 185)  
}
```

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(190, 188, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 188, 185) }
```

Border

The CSS property to change the border of an element to XYZ 47.9754, 50.4164, 53.1017 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(190, 188, 185) }
```


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

```
.border{ border-color:rgb(190, 188, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 188, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 188, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 188, 185);  
box-shadow:4px 4px 4px 4px rgb(190, 188,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9754, 50.4164, 53.1017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 188, 185) }
```

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

```
.background{ background-color: rgb(190,  
188, 185) }
```

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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