

Converting Colors

XYZ(48.4411, 50.9750, 53.1857)

Have a look what the booklet for
XYZ(48.4411, 50.9750, 53.1857)
contains.

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Color

**XYZ(48.4404, 50.9743,
53.1849)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBDDB9
RGB	191, 189, 185
RGB Percent	75%, 74%, 73%
CMY	0.2510, 0.2588, 0.2745
CMYK	0.00, 0.01, 0.03, 0.25
HSL	40°, 4%, 74%
HSV	40°, 3%, 75%
XYZ	48.4404, 50.9743, 53.1849
YIQ	189.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

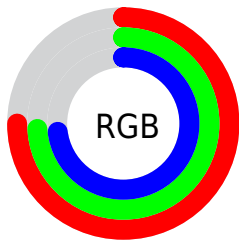
Format	Color
RYB	188, 191, 185
Decimal	12565945
CIELab	76.66, -0.03, 2.26
CIElCh	77, 2.255, 90.638
Yxy	50.9743, 0.3174, 0.3340
Android (android.graphics.Color)	4290756025 (0xFFFBDB9)
YUV	189.1420, -2.0420, 1.6295
Hunter-Lab	71.3963, -3.8362, 5.8108

Details

The XYZ color **48.4404, 50.9743, 53.1849** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1819, 49.6159, 56.3810**, and the grayscale version is **48.4625, 50.9864, 55.5241**.

A 20% lighter version of the original color is **86.8874, 91.4298, 96.2874**, and **23.4502, 24.6775, 25.3571** is the 20% darker color. If you saturate the color by 10%, you get **45.2211, 47.5481, 42.8232**, and if you desaturate by 10%, it is **51.9935, 54.6331, 64.9955**.

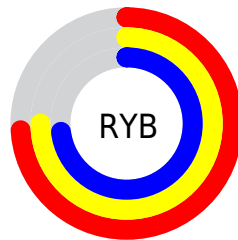
Distribution



Red (75%)

Green (74%)

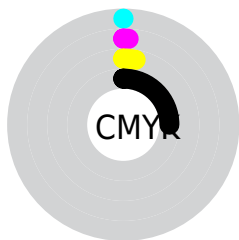
Blue (73%)



Red (74%)

Yellow (75%)

Blue (73%)

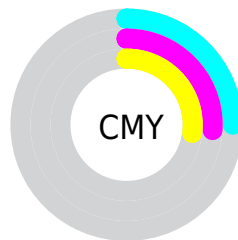


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (25%)



Cyan (25%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4404, 50.9743, 53.1849 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 48.4404, 50.9743, 53.1849 by changing the saturation by 10% instead.

■ 48.4404, 50.9743,
53.1849

■ 48.4404, 50.9743,
53.1849

371.0887,
390.4639, 416.0805

■ 34.3885, 36.1882,
37.5617

■ 87.0655, 91.6168,
96.3207

■ 23.3565, 24.5795,
25.3435

112.3694,
118.2419, 124.6703

■ 14.9791, 15.7641,
16.1118

142.1546,
149.5822, 158.0992

■ 8.8909, 9.3574,
9.4481

176.7866,
186.0219, 197.0258

■ 4.7267, 4.9750,
4.9338

216.6306,
227.9456, 241.8687

■ 2.1209, 2.2326,
2.1504

262.0521,

■ 0.7005, 0.7377,

275.7375, 293.0464

0.6455

313.4163,
329.7822, 350.9775

■ 0.0000, 0.0000,
0.0000

■ 48.4404, 50.9743,
53.1849

■ 48.4404, 50.9743,
53.1849

■ 45.2211, 47.5481,
42.8232

■ 51.9935, 54.6331,
64.9955

■ 42.3197, 44.3422,
33.8504

■ 55.8868, 58.5235,
78.3053

■ 39.7255, 41.3526,
26.2071

■ 60.1323, 62.6530,
93.1661

■ 37.4254, 38.5727,
19.8284

■ 63.6916, 66.6074,
104.1073

■ 35.4052, 35.9958,
14.6437

■ 65.3361, 69.8964,
104.6555

■ 33.6496, 33.6142,
10.5756

■ 67.0441, 73.3124,
105.2248

■ 32.1412, 31.4198,
7.5374

■ 68.8163, 76.8568,
105.8156

■ 30.8603, 29.4032,
5.4297

■ 70.6534, 80.5310,
106.4280

■ 29.7834, 27.5537,
4.1328

■ 72.5561, 84.3363,
107.0622

Harmonies

Analogous

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



48.8531, 50.9743, 53.4788



48.4404, 50.9743, 53.1849



48.0325, 50.9743, 53.5043

Triad

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



48.4404, 50.9743, 53.1849



47.7468, 50.9743, 56.7089



49.1684, 50.9743, 56.6629

Complementary

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



48.4404, 50.9743, 53.1849



47.1819, 49.6159, 56.3810

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.



48.8690, 50.9743, 57.5495



48.4404, 50.9743, 53.1849



48.0482, 50.9743, 57.5763

Square

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



48.4404, 50.9743, 53.1849



47.6335, 50.9743, 55.5285



48.4587, 50.9743, 57.8862



49.2749, 50.9743, 55.4762

Rectangle

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



48.4404, 50.9743, 53.1849



47.8177, 50.9743, 54.0249



48.4587, 50.9743, 57.8862



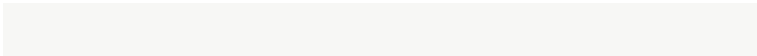
49.0869, 50.9743, 57.0065

Sweetspot

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



48.4418, 50.9765, 53.1860



88.0602, 92.6554, 99.5304



47.8052, 49.3629, 54.0228



19.3441, 20.3534, 21.8787



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.



48.4418, 50.9765, 53.1860



86.2021, 90.7149, 93.4369



48.6237, 51.7123, 53.3184



10.3770, 10.9203, 11.1520



19.2215, 17.4818, 2.3612



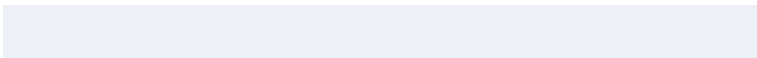
0.8107, 0.8003, 0.1117

Inverse Universe

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



47.1819, 49.6159, 56.3810



83.3010, 87.5820, 100.7937



47.0034, 48.8994, 56.2521



9.9753, 10.4866, 12.1706



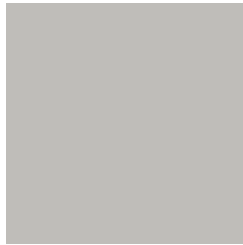
7.4357, 4.9832, 32.9628



0.3526, 0.3179, 1.3116

Previews

White Background



This preview shows how the XYZ color 48.4404, 50.9743, 53.1849 looks on a white background.

Color Contrast Check

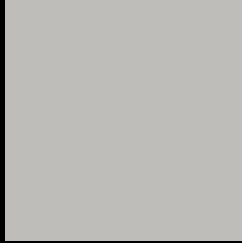
Large Text (above 18pt) WCAG AA × Fail

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 48.4404, 50.9743, 53.1849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

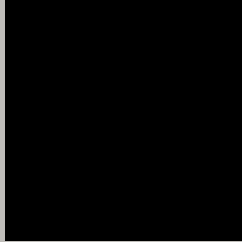
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

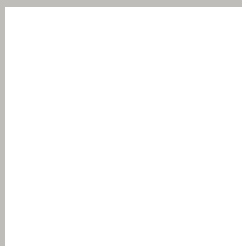
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4404, 50.9743, 53.1849

Background



This preview shows how black text looks on a background with the XYZ color 48.4404, 50.9743, 53.1849.



This preview shows how white text looks on a background with the XYZ color 48.4404, 50.9743,

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

48.4404, 50.9743, 53.1849

Protanopia

48.7325, 50.8067, 53.1371

Deuteranopia

51.8088, 50.8220, 53.5334



Tritanopia

50.3053, 51.0952, 62.4693

Trichromacy



Original Color

48.4404, 50.9743, 53.1849

Protanomaly

48.4784, 50.6757, 53.1252

Deuteranomaly

50.5690, 50.7997, 53.5944

Tritanomaly

49.5718, 51.1130, 58.8828

Monochromacy



Original Color

48.4404, 50.9743, 53.1849

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.5099, 50.9732, 54.8590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4404, 50.9743, 53.1849 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, 189, 185)` looks like.

```
.text, #text, p{  
    color:rgb(191, 189, 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(191, 189, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 189, 185) }
```

Border

The CSS property to change the border of an element to XYZ 48.4404, 50.9743, 53.1849 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, 189, 185) }
```


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

```
.border{ border-color:rgb(191, 189, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 189, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 189, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 189, 185);  
box-shadow:4px 4px 4px 4px rgb(191, 189,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4404, 50.9743, 53.1849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 189, 185) }
```

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

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