

Converting Colors

XYZ(48.5323, 51.8602, 52.6130)

Have a look what the booklet for
XYZ(48.5323, 51.8602, 52.6130)
contains.

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Color

**XYZ(48.7366, 52.1071,
52.8364)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC0B8
RGB	190, 192, 184
RGB Percent	75%, 75%, 72%
CMY	0.2549, 0.2470, 0.2784
CMYK	0.01, 0.00, 0.04, 0.25
HSL	75°, 6%, 74%
HSV	75°, 4%, 75%
XYZ	48.7366, 52.1071, 52.8364
YIQ	190.4900, 1.3760, -2.9120

Conversions

Conversions Part 2

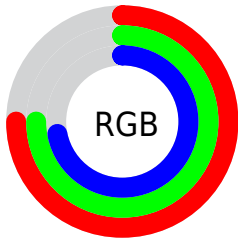
Format	Color
RYB	184, 192, 186
Decimal	12501176
CIELab	77.34, -2.15, 3.77
CIELCh	77, 4.344, 119.661
Yxy	52.1071, 0.3171, 0.3391
Android (android.graphics.Color)	4290691256 (0xFFBEC0B8)
YUV	190.4900, -3.1996, -0.4297
Hunter-Lab	72.1852, -5.8081, 7.1320

Details

The XYZ color **48.7366, 52.1071, 52.8364** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.9066, 48.5272, 56.7663**, and the grayscale version is **49.2447, 51.8093, 56.4203**.

A 20% lighter version of the original color is **87.3016, 93.0189, 95.7912**, and **23.6459, 25.4223, 25.1335** is the 20% darker color. If you saturate the color by 10%, you get **45.6788, 50.7492, 42.8905**, and if you desaturate by 10%, it is **52.1101, 53.5992, 64.2253**.

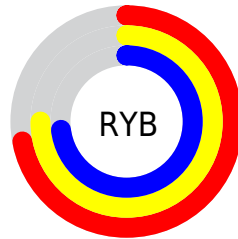
Distribution



Red (75%)

Green (75%)

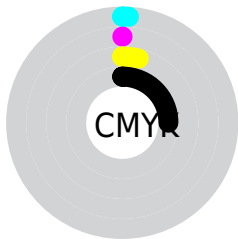
Blue (72%)



Red (72%)

Yellow (75%)

Blue (73%)

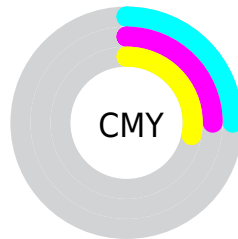


Cyan (1%)

Magenta (0%)

Yellow (4%)

Black (25%)



Cyan (25%)

Magenta (25%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7366, 52.1071, 52.8364 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 48.7366, 52.1071, 52.8364 by changing the saturation by 10% instead.

■ 48.7366, 52.1071,
52.8364

■ 48.7366, 52.1071,
52.8364

372.2386,
394.8499, 414.7056

■ 34.6243, 37.0904,
37.2854

■ 87.5032, 93.2892,
95.8027

■ 23.5387, 25.2775,
25.1310

112.8882,
120.2234, 124.0550

■ 15.1147, 16.2839,
15.9548

142.7614,
151.8989, 157.3782

■ 8.9868, 9.7253,
9.3381

177.4882,
188.7001, 196.1908

■ 4.7896, 5.2172,
4.8626

217.4340,
231.0114, 240.9112

■ 2.1578, 2.3753,
2.1095

262.9641,

■ 0.7204, 0.8131,

279.2173, 291.9582

0.6214

314.4438,
333.7020, 349.7501

■ 0.0000, 0.0000,
0.0000

■ 48.7366, 52.1071,
52.8364

■ 48.7366, 52.1071,
52.8364

■ 45.6788, 50.7492,
42.8905

■ 52.1101, 53.5992,
64.2253

■ 42.9211, 49.5143,
34.3265

■ 55.8057, 55.2230,
77.1081

■ 40.4528, 48.3996,
27.0842

■ 59.8350, 56.9850,
91.5375

■ 38.2611, 47.3999,
21.0976

■ 63.2590, 58.5095,
102.5671

■ 36.3319, 46.5097,
16.2947

■ 64.6414, 59.2222,
102.6318

■ 34.6498, 45.7227,
12.5966

■ 66.0652, 59.9562,
102.6984

■ 33.1976, 45.0319,
9.9147

■ 67.5308, 60.7117,
102.7670

■ 31.9555, 44.4294,
8.1466

■ 69.0384, 61.4889,
102.8376

■ 30.8995, 43.9056,
7.1687

■ 70.5885, 62.2880,
102.9101

Harmonies

Analogous

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



49.5357, 52.1071, 52.2645



48.7366, 52.1071, 52.8364



48.1546, 52.1071, 54.4466

Triad

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



48.7366, 52.1071, 52.8364



48.7204, 52.1071, 60.7940



51.1478, 52.1071, 56.7629

Complementary

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



48.7366, 52.1071, 52.8364



46.9066, 48.5272, 56.7663

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.



50.9237, 52.1071, 59.0882



48.7366, 52.1071, 52.8364



49.5168, 52.1071, 61.4551

Square

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



48.7366, 52.1071, 52.8364



48.1453, 52.1071, 59.0399



50.3244, 52.1071, 60.8224



50.9333, 52.1071, 54.4924

Rectangle

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



48.7366, 52.1071, 52.8364



47.9648, 52.1071, 55.9152



50.3244, 52.1071, 60.8224



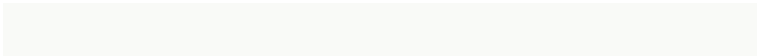
51.1212, 52.1071, 57.5643

Sweetspot

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



48.7381, 52.1094, 52.8375



90.1698, 95.2395, 101.9511



47.9506, 49.7866, 52.4307



19.3510, 20.4350, 21.8941



92.9021, 97.7402, 106.4391



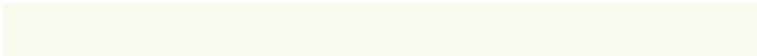
19.4759, 20.4902, 22.3138

Same Dimension

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



48.7381, 52.1094, 52.8375



87.7774, 94.1800, 93.9835



47.7528, 51.6014, 52.7914



10.9231, 11.7445, 11.6082



20.4904, 29.3920, 4.5933



0.9453, 1.3009, 0.2013

Inverse Universe

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



46.9066, 48.5272, 56.7663



83.7575, 86.3176, 102.6068



47.8919, 49.0352, 56.8124



10.3694, 10.6614, 12.7962



7.2855, 3.0163, 33.7548



0.3805, 0.1642, 1.4615

Previews

White Background



This preview shows how the XYZ color 48.7366, 52.1071, 52.8364 looks on a white background.

Color Contrast Check

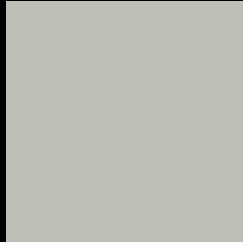
Large Text (above 18pt) WCAG AA × Fail

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 48.7366, 52.1071, 52.8364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

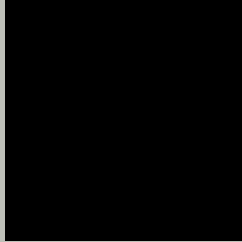
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

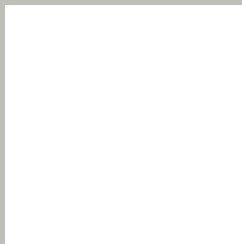
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.7366, 52.1071, 52.8364

Background



This preview shows how black text looks on a background with the XYZ color 48.7366, 52.1071, 52.8364.



This preview shows how white text looks on a background with the XYZ color 48.7366, 52.1071,

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

48.7366, 52.1071, 52.8364

Protanopia

49.7256, 51.9816, 52.2124

Deuteranopia

52.9699, 52.0496, 53.1537



Tritanopia

51.0890, 52.0923, 64.4889

Trichromacy



Original Color

48.7366, 52.1071, 52.8364

Protanomaly

49.4262, 52.1498, 52.2606

Deuteranomaly

51.3688, 52.1657, 53.2605

Tritanomaly

50.2297, 52.0646, 60.2254

Monochromacy



Original Color

48.7366, 52.1071, 52.8364

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.9431, 51.8396, 55.0034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7366, 52.1071, 52.8364 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, 192, 184) looks like.

```
.text, #text, p{  
    color:rgb(190, 192, 184)  
}
```

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, 192, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 192, 184) }
```

Border

The CSS property to change the border of an element to XYZ 48.7366, 52.1071, 52.8364 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, 192, 184) }
```


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

```
.border{ border-color:rgb(190, 192, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 192, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 192, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 192, 184);  
box-shadow:4px 4px 4px 4px rgb(190, 192,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7366, 52.1071, 52.8364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 192, 184) }
```

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

```
.background{ background-color: rgb(190,  
192, 184) }
```

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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