

Converting Colors

XYZ(49.1808, 52.6961, 52.7690)

Have a look what the booklet for
XYZ(49.1808, 52.6961, 52.7690)
contains.

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Color

**XYZ(49.2076, 52.6770,
52.9216)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC1B8
RGB	191, 193, 184
RGB Percent	75%, 76%, 72%
CMY	0.2510, 0.2431, 0.2784
CMYK	0.01, 0.00, 0.05, 0.24
HSL	73°, 7%, 74%
HSV	73°, 5%, 76%
XYZ	49.2076, 52.6770, 52.9216
YIQ	191.3760, 1.6970, -3.2230

Conversions

Conversions Part 2

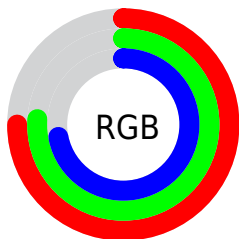
Format	Color
RYB	184, 193, 186
Decimal	12566968
CIELab	77.68, -2.33, 4.28
CIELCh	78, 4.867, 118.552
Yxy	52.6770, 0.3179, 0.3403
Android (android.graphics.Color)	4290757048 (0xFFBFC1B8)
YUV	191.3760, -3.6364, -0.3298
Hunter-Lab	72.5789, -5.9924, 7.5734

Details

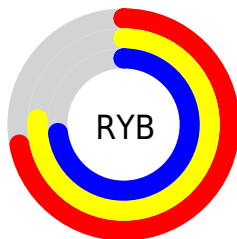
The XYZ color **49.2076, 52.6770, 52.9216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0178, 48.5718, 57.3520**, and the grayscale version is **49.7606, 52.3520, 57.0113**.

A 20% lighter version of the original color is **87.9616, 93.8168, 95.9105**, and **23.9560, 25.7981, 25.1896** is the 20% darker color. If you saturate the color by 10%, you get **46.2572, 51.3756, 42.9333**, and if you desaturate by 10%, it is **52.4688, 54.1098, 64.3676**.

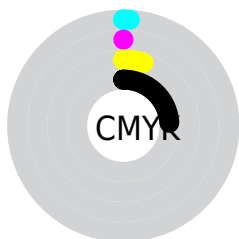
Distribution



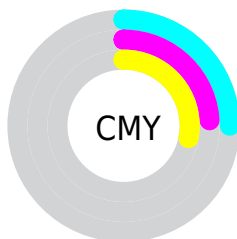
- Red (75%)
- Green (76%)
- Blue (72%)



- Red (72%)
- Yellow (76%)
- Blue (73%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2076, 52.6770, 52.9216 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 49.2076, 52.6770, 52.9216 by changing the saturation by 10% instead.

■ 49.2076, 52.6770,
52.9216

■ 49.2076, 52.6770,
52.9216

374.0624,
397.0447, 415.0420

■ 34.9994, 37.5450,
37.3529

■ 88.1986, 94.1289,
95.9294

■ 23.8289, 25.6297,
25.1829

113.7121,
121.2176, 124.2055

■ 15.3308, 16.5468,
15.9931

143.7247,
153.0606, 157.5546

■ 9.1397, 9.9119,
9.3650

178.6018,
190.0424, 196.3950

■ 4.8903, 5.3406,
4.8800

218.7088,
232.5473, 241.1455

■ 2.2171, 2.4485,
2.1195

264.4110,

■ 0.7517, 0.8507,

280.9597, 292.2244

0.6273

316.0738,
335.6640, 350.0504

■ 0.0000, 0.0000,
0.0000

■ 49.2076, 52.6770,
52.9216

■ 49.2076, 52.6770,
52.9216

■ 46.2572, 51.3756,
42.9333

■ 52.4688, 54.1098,
64.3676

■ 43.6016, 50.1940,
34.3407

■ 56.0469, 55.6713,
77.3230

■ 41.2304, 49.1298,
27.0825

■ 59.9538, 57.3681,
91.8412

■ 39.1304, 48.1776,
21.0915

■ 63.1841, 58.7980,
102.6267

■ 37.2875, 47.3318,
16.2948

■ 64.4094, 59.4297,
102.6841

■ 35.6861, 46.5861,
12.6119

■ 65.6677, 60.0784,
102.7430

■ 34.3088, 45.9336,
9.9523

■ 66.9593, 60.7442,
102.8034

■ 33.1355, 45.3660,
8.2116

■ 68.2843, 61.4272,
102.8654

■ 32.1418, 44.8737,
7.2631

■ 69.6430, 62.1277,
102.9290

Harmonies

Analogous

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



50.1137, 52.6770, 52.3278



49.2076, 52.6770, 52.9216



48.5393, 52.6770, 54.6936

Triad

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



49.2076, 52.6770, 52.9216



49.1293, 52.6770, 61.8942



51.8996, 52.6770, 57.4874

Complementary

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



49.2076, 52.6770, 52.9216



47.0178, 48.5718, 57.3520

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.



51.6283, 52.6770, 60.1040



49.2076, 52.6770, 52.9216



50.0222, 52.6770, 62.6971

Square

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



49.2076, 52.6770, 52.9216



48.4945, 52.6770, 59.8703



50.9382, 52.6770, 62.0321



51.6750, 52.6770, 54.9137

Rectangle

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



49.2076, 52.6770, 52.9216



48.3144, 52.6770, 56.3334



50.9382, 52.6770, 62.0321



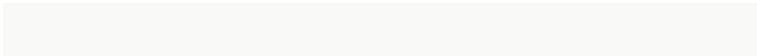
51.8633, 52.6770, 58.3915

Sweetspot

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



49.2091, 52.6793, 52.9227



90.1946, 95.2523, 101.9522



48.1942, 49.8965, 52.4391



19.3561, 20.4376, 21.8943



92.9021, 97.7402, 106.4391



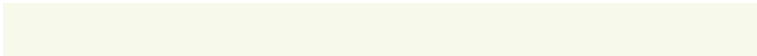
19.4759, 20.4902, 22.3138

Same Dimension

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



49.2091, 52.6793, 52.9227



87.3404, 93.9967, 92.0659



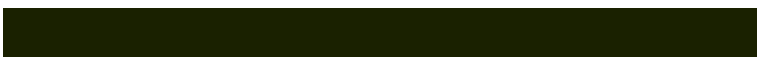
48.1071, 52.1112, 52.8712



10.8759, 11.7250, 11.3889



21.1270, 29.7202, 4.6231



0.9683, 1.3127, 0.2023

Inverse Universe

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



47.0178, 48.5718, 57.3520



82.2624, 84.4778, 102.3304



48.1157, 49.1377, 57.4034



10.1954, 10.4494, 12.7644



7.1210, 2.9314, 33.7471



0.3690, 0.1582, 1.4610

Previews

White Background



This preview shows how the XYZ color 49.2076, 52.6770, 52.9216 looks on a white background.

Color Contrast Check

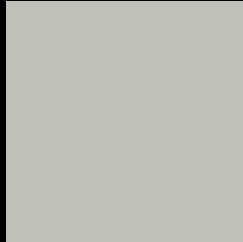
Large Text (above 18pt) WCAG AA × Fail

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 49.2076, 52.6770, 52.9216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

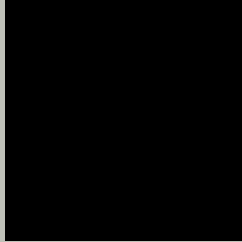
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

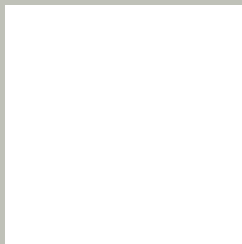
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.2076, 52.6770, 52.9216

Background



This preview shows how black text looks on a background with the XYZ color 49.2076, 52.6770, 52.9216.



This preview shows how white text looks on a background with the XYZ color 49.2076, 52.6770,

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

49.2076, 52.6770, 52.9216

Protanopia

50.2040, 52.5508, 52.2970

Deuteranopia

53.5465, 52.3468, 53.1807



Tritanopia

51.6810, 52.7040, 65.2066

Trichromacy



Original Color

49.2076, 52.6770, 52.9216

Protanomaly

49.9026, 52.7203, 52.3456

Deuteranomaly

51.9170, 52.4484, 53.2862

Tritanomaly

50.7012, 52.6303, 60.3097

Monochromacy



Original Color

49.2076, 52.6770, 52.9216

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.4126, 52.4065, 55.0881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2076, 52.6770, 52.9216 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, 193, 184) looks like.

```
.text, #text, p{  
    color:rgb(191, 193, 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(191, 193, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 193, 184) }
```

Border

The CSS property to change the border of an element to XYZ 49.2076, 52.6770, 52.9216 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, 193, 184) }
```


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

```
.border{ border-color:rgb(191, 193, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 193, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 193, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 193, 184); box-shadow:4px 4px 4px 4px rgb(191, 193, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2076, 52.6770, 52.9216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 193, 184) }
```

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

```
.background{ background-color: rgb(191,  
193, 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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