

Converting Colors

XYZ(48.2942, 49.8121, 51.1658)

Have a look what the booklet for
XYZ(48.2942, 49.8121, 51.1658)
contains.

| | |
|--|----|
| XYZ(48.2981, 49.6774, 51.2991) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(48.2981, 49.6774,
51.2991)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C3B9B6 |
| RGB | 195, 185, 182 |
| RGB Percent | 76%, 73%, 71% |
| CMY | 0.2353, 0.2745, 0.2863 |
| CMYK | 0.00, 0.05, 0.07, 0.24 |
| HSL | 14°, 10%, 74% |
| HSV | 14°, 7%, 76% |
| XYZ | 48.2981, 49.6774, 51.2991 |
| YIQ | 187.6480, 6.9230, 1.1870 |

Conversions

Conversions Part 2

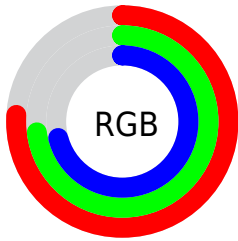
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 195, 186, 182 |
| Decimal | 12827062 |
| CIELab | 75.87, 3.00, 2.77 |
| CIELCh | 76, 4.085, 42.747 |
| Yxy | 49.6774, 0.3236, 0.3328 |
| Android (android.graphics.Color) | 4291017142 (0xFFC3B9B6) |
| YUV | 187.6480, -2.7845, 6.4477 |
| Hunter-Lab | 70.4822, -1.0263, 6.1845 |

Details

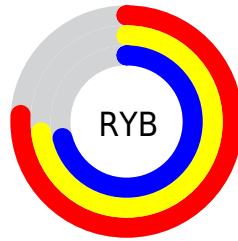
The XYZ color **48.2981, 49.6774, 51.2991** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.9912, 51.5836, 59.0575**, and the grayscale version is **47.6140, 50.0936, 54.5520**.

A 20% lighter version of the original color is **87.0328, 89.7791, 93.6309**, and **23.1982, 23.7502, 24.1305** is the 20% darker color. If you saturate the color by 10%, you get **43.4487, 42.9819, 40.4228**, and if you desaturate by 10%, it is **53.7618, 57.1513, 63.7659**.

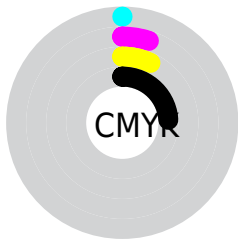
Distribution



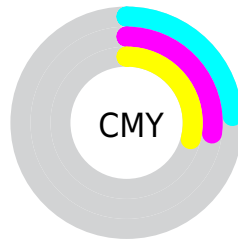
- Red (76%)
- Green (73%)
- Blue (71%)



- Red (76%)
- Yellow (73%)
- Blue (71%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (24%)



- Cyan (24%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2981, 49.6774, 51.2991 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 48.2981, 49.6774, 51.2991 by changing the saturation by 10% instead.

■ 48.2981, 49.6774,
51.2991

■ 48.2981, 49.6774,
51.2991

370.5355,
385.4030, 408.6044

■ 34.2753, 35.1571,
36.0683

■ 86.8551, 89.6967,
93.5128

■ 23.2690, 23.7839,
24.1969

112.1199,
115.9646, 121.3327

■ 14.9141, 15.1734,
15.2662

141.8628,
146.9170, 154.1862

■ 8.8450, 8.9412,
8.8577

176.4491,
182.9386, 192.4916

■ 4.6965, 4.7028,
4.5529

216.2442,
224.4135, 236.6676

■ 2.1032, 2.0740,
1.9333

261.6134,

■ 0.6910, 0.6499,

271.7264, 287.1327

0.5138

312.9220,
325.2614, 344.3055

■ 0.0000, 0.0000,
0.0000

■ 48.2981, 49.6774,
51.2991

■ 48.2981, 49.6774,
51.2991

■ 43.4487, 42.9819,
40.4228

■ 53.7618, 57.1513,
63.7659

■ 39.1878, 37.0331,
31.0698

■ 59.8563, 65.4208,
77.8804

■ 35.4935, 31.8069,
23.1724

■ 66.6026, 74.5110,
93.7011

■ 32.3414, 27.2753,
16.6571

■ 73.2035, 84.1175,
106.9858

■ 29.7050, 23.4086,
11.4434

■ 76.3159, 90.3422,
108.0233

■ 27.5555, 20.1747,
7.4429

■ 25.8609, 17.5388,
4.5558

■ 24.5853, 15.4626,
2.6661

■ 23.6843, 13.9020,
1.6217

Harmonies

Analogous

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



48.6565, 49.6774, 53.1721



48.2981, 49.6774, 51.2991



47.6516, 49.6774, 50.1913

Triad

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



48.2981, 49.6774, 51.2991



45.8351, 49.6774, 52.8585



47.5400, 49.6774, 58.2755

Complementary

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



48.2981, 49.6774, 51.2991



47.9912, 51.5836, 59.0575

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.



46.7848, 49.6774, 58.1861



48.2981, 49.6774, 51.2991



45.8059, 49.6774, 55.0189

Square

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



48.2981, 49.6774, 51.2991



46.2320, 49.6774, 51.0749



46.1519, 49.6774, 56.9808



48.2157, 49.6774, 57.2220

Rectangle

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



48.2981, 49.6774, 51.2991



47.1469, 49.6774, 50.0169



46.1519, 49.6774, 56.9808



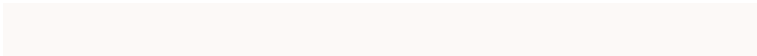
47.2870, 49.6774, 58.3789

Sweetspot

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



48.2995, 49.6796, 51.3002



90.9007, 95.0040, 101.8671



48.7690, 48.8726, 56.8393



19.9276, 20.8340, 22.3564



0.0000, 0.0000, 0.0000



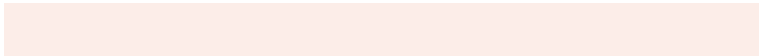
20.3446, 21.4041, 23.3091

Same Dimension

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



48.2995, 49.6796, 51.3002



85.1707, 87.1423, 88.8644



49.6497, 52.3800, 51.7502



10.2578, 10.4471, 10.5377



15.2927, 8.8711, 0.9063



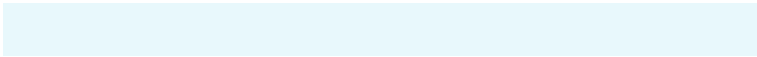
0.7151, 0.4921, 0.0573

Inverse Universe

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



47.9912, 51.5836, 59.0575



84.5044, 91.2573, 105.6303



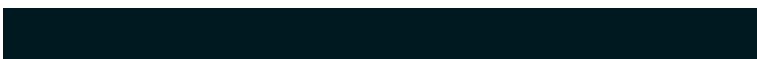
46.6347, 48.8705, 58.6053



10.1649, 11.0211, 12.8764



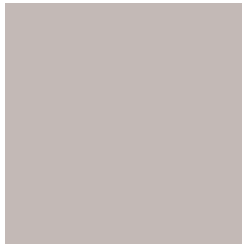
13.5516, 16.8597, 36.0966



0.6348, 0.8271, 1.5761

Previews

White Background



This preview shows how the XYZ color 48.2981, 49.6774, 51.2991 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 48.2981, 49.6774, 51.2991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

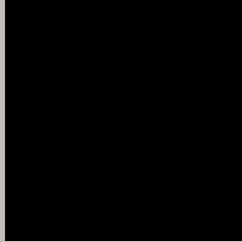
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

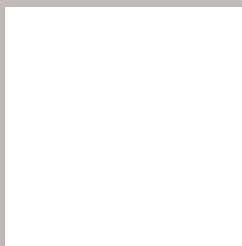
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.2981, 49.6774, 51.2991

Background



This preview shows how black text looks on a background with the XYZ color 48.2981, 49.6774, 51.2991.

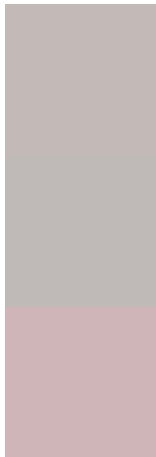


This preview shows how white text looks on a background with the XYZ color 48.2981, 49.6774,

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

48.2981, 49.6774, 51.2991

Protanopia

47.5920, 49.6131, 51.8677

Deuteranopia

50.8032, 49.7320, 51.7214



Tritanopia

50.0375, 49.7685, 59.7923

Trichromacy



Original Color

48.2981, 49.6774, 51.2991

Protanomaly

47.8444, 49.7432, 51.8795

Deuteranomaly

49.9038, 49.5713, 51.7378

Tritanomaly

49.4199, 49.8225, 56.8812

Monochromacy



Original Color

48.2981, 49.6774, 51.2991

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.1191, 50.1622, 53.6005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2981, 49.6774, 51.2991 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(195, 185, 182)` looks like.

```
.text, #text, p{  
    color:rgb(195, 185, 182)  
}
```

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(195, 185, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 185, 182) }
```

Border

The CSS property to change the border of an element to XYZ 48.2981, 49.6774, 51.2991 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(195, 185, 182) }
```


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

```
.border{ border-color:rgb(195, 185, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 185, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 185, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 185, 182);  
box-shadow:4px 4px 4px 4px rgb(195, 185,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2981, 49.6774, 51.2991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 185, 182) }
```

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

```
.background{ background-color: rgb(195,  
185, 182) }
```

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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