

Converting Colors

XYZ(50.1679, 54.9284, 52.7448)

Have a look what the booklet for
XYZ(50.1679, 54.9284, 52.7448)
contains.

XYZ(50.2272, 54.8834, 52.7461)	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(50.2272, 54.8834,
52.7461)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC6B7
RGB	191, 198, 183
RGB Percent	75%, 78%, 72%
CMY	0.2510, 0.2235, 0.2823
CMYK	0.04, 0.00, 0.08, 0.22
HSL	88°, 12%, 75%
HSV	88°, 8%, 78%
XYZ	50.2272, 54.8834, 52.7461
YIQ	194.1970, 0.6430, -6.1490

Conversions

Conversions Part 2

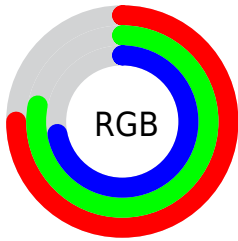
Format	Color
RYB	183, 198, 190
Decimal	12568247
CIELab	78.97, -5.13, 6.67
CIELCh	79, 8.419, 127.567
Yxy	54.8834, 0.3182, 0.3477
Android (android.graphics.Color)	4290758327 (0xFFBFC6B7)
YUV	194.1970, -5.5201, -2.8038
Hunter-Lab	74.0833, -8.6260, 9.6448

Details

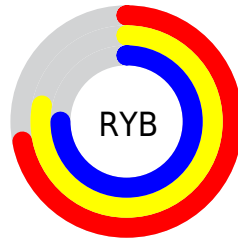
The XYZ color **50.2272, 54.8834, 52.7461** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3638, 48.8929, 60.3171**, and the grayscale version is **51.4275, 54.1057, 58.9211**.

A 20% lighter version of the original color is **89.6978, 97.5262, 95.7582**, and **24.4838, 26.9615, 25.0328** is the 20% darker color. If you saturate the color by 10%, you get **46.0584, 52.9575, 42.5392**, and if you desaturate by 10%, it is **54.8357, 57.0056, 64.4894**.

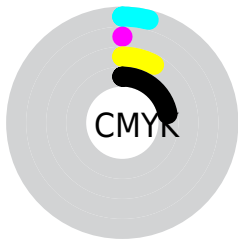
Distribution



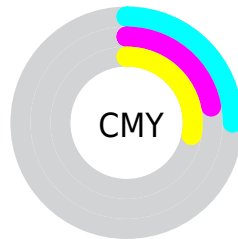
- Red (75%)
- Green (78%)
- Blue (72%)



- Red (72%)
- Yellow (78%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (25%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2272, 54.8834, 52.7461 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 50.2272, 54.8834, 52.7461 by changing the saturation by 10% instead.

■ 50.2272, 54.8834,
52.7461

■ 50.2272, 54.8834,
52.7461

377.9911,
405.4698, 414.3489

■ 35.8125, 39.3084,
37.2138

■ 89.7012, 97.3701,
95.6684

■ 24.4589, 26.9997,
25.0760

115.4913,
125.0506, 123.8955

■ 15.8009, 17.5730,
15.9141

145.8038,
157.5350, 157.1912

■ 9.4733, 10.6439,
9.3097

181.0041,
195.2077, 195.9742

■ 5.1108, 5.8279,
4.8442

221.4577,
238.4531, 240.6629

■ 2.3478, 2.7407,
2.0990

267.5298,

■ 0.8190, 0.9979,

287.6557, 291.6759

0.6152

319.5858,
343.1998, 349.4317

■ 0.0000, 0.0000,
0.0000

■ 50.2272, 54.8834,
52.7461

■ 50.2272, 54.8834,
52.7461

■ 46.0584, 52.9575,
42.5392

■ 54.8357, 57.0056,
64.4894

■ 42.3101, 51.2147,
33.8015

■ 59.8934, 59.3230,
77.8252

■ 38.9681, 49.6508,
26.4662

■ 65.4149, 61.8435,
92.8113

■ 36.0158, 48.2586,
20.4601

■ 70.2314, 64.0998,
103.2786

■ 33.4349, 47.0308,
15.7030

■ 73.2422, 65.6519,
103.4195

■ 31.2057, 45.9589,
12.1064

■ 76.4122, 67.2861,
103.5679

■ 29.3060, 45.0337,
9.5701

■ 79.4851, 68.8703,
103.7117

■ 27.7103, 44.2447,
7.9767

■ 26.3833, 43.5774,
7.1585

Harmonies

Analogous

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



51.7423, 54.8834, 51.0791



50.2272, 54.8834, 52.7461



49.2462, 54.8834, 56.3098

Triad

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



50.2272, 54.8834, 52.7461



50.9464, 54.8834, 68.6902



55.4210, 54.8834, 58.5530

Complementary

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



50.2272, 54.8834, 52.7461



48.3638, 48.8929, 60.3171

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.



55.1969, 54.8834, 63.3456



50.2272, 54.8834, 52.7461



52.5900, 54.8834, 69.3698

Square

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



50.2272, 54.8834, 52.7461



49.6552, 54.8834, 65.5567



54.1521, 54.8834, 67.3668



54.7580, 54.8834, 54.3131

Rectangle

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



50.2272, 54.8834, 52.7461



49.0150, 54.8834, 59.3683



54.1521, 54.8834, 67.3668



55.4472, 54.8834, 60.1508

Sweetspot

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



50.2287, 54.8858, 52.7473



93.3692, 99.2271, 104.5920



50.2514, 52.2536, 52.2380



20.0025, 21.2468, 22.4321



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.



50.2287, 54.8858, 52.7473



87.7405, 96.6335, 90.4089



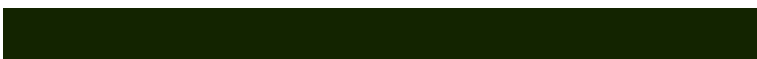
48.3905, 53.9382, 52.6613



11.0284, 12.1616, 11.3289



17.0649, 28.2926, 4.5616



0.8911, 1.3825, 0.2199

Inverse Universe

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



48.3638, 48.8929, 60.3171



83.8011, 83.9739, 106.3995



50.2857, 49.8836, 60.4070



10.5195, 10.5261, 13.3948



9.6238, 4.1955, 35.0469



0.5391, 0.2417, 1.6634

Previews

White Background



This preview shows how the XYZ color 50.2272, 54.8834, 52.7461 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 50.2272, 54.8834, 52.7461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

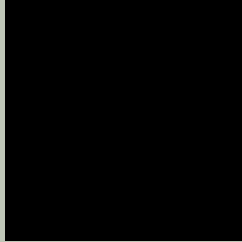
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

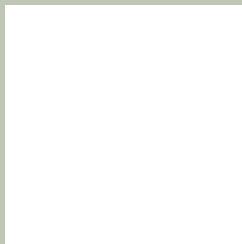
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.2272, 54.8834, 52.7461

Background



This preview shows how black text looks on a background with the XYZ color 50.2272, 54.8834, 52.7461.



This preview shows how white text looks on a background with the XYZ color 50.2272, 54.8834,

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

50.2272, 54.8834, 52.7461

Protanopia

52.2127, 54.9230, 51.5653

Deuteranopia

55.8680, 54.8034, 53.5325



Tritanopia

53.3061, 54.7891, 68.0874

Trichromacy



Original Color

50.2272, 54.8834, 52.7461

Protanomaly

51.4721, 54.8630, 52.1327

Deuteranomaly

53.5138, 54.5699, 53.0600

Tritanomaly

52.1886, 54.6697, 62.4453

Monochromacy



Original Color

50.2272, 54.8834, 52.7461

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.8017, 54.0854, 56.4772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2272, 54.8834, 52.7461 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, 198, 183)` looks like.

```
.text, #text, p{  
    color:rgb(191, 198, 183)  
}
```

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, 198, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 198, 183) }
```

Border

The CSS property to change the border of an element to XYZ 50.2272, 54.8834, 52.7461 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, 198, 183) }
```


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

```
.border{ border-color:rgb(191, 198, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 198, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 198, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 198, 183);  
box-shadow:4px 4px 4px 4px rgb(191, 198,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2272, 54.8834, 52.7461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 198, 183) }
```

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

```
.background{ background-color: rgb(191,  
198, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor