

Converting Colors

XYZ(50.2044, 54.6016, 49.6847)

Have a look what the booklet for
XYZ(50.2044, 54.6016, 49.6847)
contains.

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Color

**XYZ(50.1502, 54.5762,
49.4860)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C5B1
RGB	194, 197, 177
RGB Percent	76%, 77%, 69%
CMY	0.2392, 0.2274, 0.3059
CMYK	0.02, 0.00, 0.10, 0.23
HSL	69°, 15%, 73%
HSV	69°, 10%, 77%
XYZ	50.1502, 54.5762, 49.4860
YIQ	193.8230, 4.6320, -6.8560

Conversions

Conversions Part 2

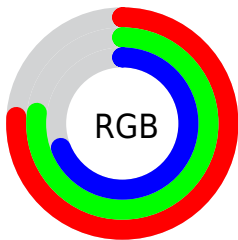
Format	Color
RYB	177, 197, 180
Decimal	12764593
CIELab	78.80, -4.57, 9.67
CIELCh	79, 10.700, 115.312
Yxy	54.5762, 0.3252, 0.3539
Android (android.graphics.Color)	4290954673 (0xFFC2C5B1)
YUV	193.8230, -8.2937, 0.1552
Hunter-Lab	73.8757, -8.1085, 11.9973

Details

The XYZ color **50.1502, 54.5762, 49.4860** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.6247, 45.1803, 59.1950**, and the grayscale version is **51.2204, 53.8878, 58.6838**.

A 20% lighter version of the original color is **89.9335, 97.2760, 91.1269**, and **24.2758, 26.6756, 22.9382** is the 20% darker color. If you saturate the color by 10%, you get **47.5754, 53.4612, 39.8447**, and if you desaturate by 10%, it is **53.0266, 55.8172, 60.6234**.

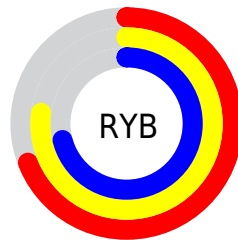
Distribution



Red (76%)

Green (77%)

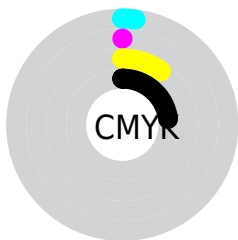
Blue (69%)



Red (69%)

Yellow (77%)

Blue (71%)

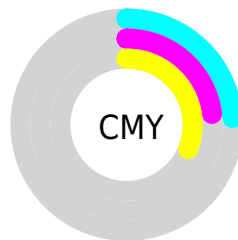


Cyan (2%)

Magenta (0%)

Yellow (10%)

Black (23%)



Cyan (24%)

Magenta (23%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1502, 54.5762, 49.4860 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 50.1502, 54.5762, 49.4860 by changing the saturation by 10% instead.

■ 50.1502, 54.5762,
49.4860

■ 50.1502, 54.5762,
49.4860

377.6953,
404.3034, 401.3298

■ 35.7510, 39.0625,
34.6368

■ 89.5879, 96.9197,
90.8013

■ 24.4112, 26.8084,
23.1020

115.3571,
124.5184, 118.1045

■ 15.7653, 17.4294,
14.4628

145.6471,
156.9142, 150.3962

■ 9.4480, 10.5411,
8.3008

180.8231,
194.4914, 188.0948

■ 5.0940, 5.7592,
4.1975

221.2506,
237.6346, 231.6189

■ 2.3378, 2.6992,
1.7343

267.2949,

■ 0.8139, 0.9768,

286.7281, 281.3871

0.3841

319.3213,
342.1562, 337.8179

■ 0.0000, 0.0000,
0.0000

■ 50.1502, 54.5762,
49.4860

■ 50.1502, 54.5762,
49.4860

■ 47.5754, 53.4612,
39.8447

■ 53.0266, 55.8172,
60.6234

■ 45.2856, 52.4602,
31.6324

■ 56.2117, 57.1815,
73.3133

■ 43.2692, 51.5702,
24.7819

■ 59.7177, 58.6761,
87.6135

■ 41.5122, 50.7857,
19.2194

■ 63.4252, 60.2530,
102.8949

■ 39.9990, 50.1005,
14.8641

■ 64.2535, 60.6800,
102.9336

■ 38.7125, 49.5076,
11.6259

■ 65.0974, 61.1150,
102.9731

■ 37.6332, 48.9993,
9.4023

■ 65.9569, 61.5581,
103.0133

■ 36.7378, 48.5663,
8.0720

■ 66.8321, 62.0093,
103.0543

■ 35.9924, 48.1960,
7.4058

■ 67.7230, 62.4686,
103.0960

Harmonies

Analogous

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



52.2068, 54.5762, 48.5350



50.1502, 54.5762, 49.4860



48.5939, 54.5762, 53.0267

Triad

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



50.1502, 54.5762, 49.4860



49.5883, 54.5762, 69.5464



56.0414, 54.5762, 60.3832

Complementary

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



50.1502, 54.5762, 49.4860



44.6247, 45.1803, 59.1950

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.



55.2965, 54.5762, 66.3167



50.1502, 54.5762, 49.4860



51.5407, 54.5762, 71.8313

Square

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



50.1502, 54.5762, 49.4860



48.2757, 54.5762, 64.5549



53.6349, 54.5762, 70.6111



55.6448, 54.5762, 54.5728

Rectangle

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



50.1502, 54.5762, 49.4860



48.0301, 54.5762, 56.5138



53.6349, 54.5762, 70.6111



55.9156, 54.5762, 62.4328

Sweetspot

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



50.1517, 54.5786, 49.4872



93.4212, 99.2998, 102.5221



47.2849, 47.6887, 48.3084



19.9046, 21.2149, 21.5884



0.0000, 0.0000, 0.0000



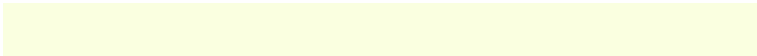
20.3446, 21.4041, 23.3091

Same Dimension

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



50.1517, 54.5786, 49.4872



88.8384, 97.3224, 84.9086



47.6711, 53.2998, 49.3711



11.3614, 12.3332, 11.3445



23.7287, 31.7279, 4.8735



1.1672, 1.5248, 0.2328

Inverse Universe

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



44.6247, 45.1803, 59.1950



77.1249, 77.4038, 105.4833



47.0372, 46.4239, 59.3079



10.2025, 10.3627, 13.3800



7.0177, 2.8520, 34.9250



0.3810, 0.1601, 1.6560

Previews

White Background



This preview shows how the XYZ color 50.1502, 54.5762, 49.4860 looks on a white background.

Color Contrast Check

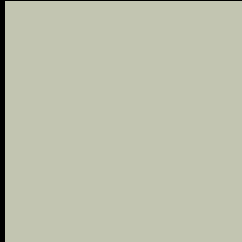
Large Text (above 18pt) WCAG AA × Fail

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 50.1502, 54.5762, 49.4860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

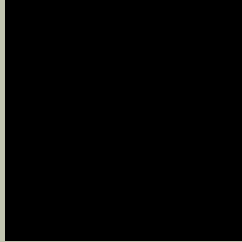
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.1502, 54.5762, 49.4860

Background



This preview shows how black text looks on a background with the XYZ color 50.1502, 54.5762, 49.4860.



This preview shows how white text looks on a background with the XYZ color 50.1502, 54.5762,

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

50.1502, 54.5762, 49.4860

Protanopia

51.7569, 54.4147, 48.8495

Deuteranopia

55.6351, 54.4368, 50.2229



Tritanopia

53.7438, 54.6998, 67.4000

Trichromacy



Original Color

50.1502, 54.5762, 49.4860

Protanomaly

51.1710, 54.4442, 48.8861

Deuteranomaly

53.5307, 54.3248, 49.7839

Tritanomaly

52.3958, 54.4851, 60.5784

Monochromacy



Original Color

50.1502, 54.5762, 49.4860

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.8403, 54.1304, 55.3456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1502, 54.5762, 49.4860 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(194, 197, 177)` looks like.

```
.text, #text, p{  
    color:rgb(194, 197, 177)  
}
```

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(194, 197, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 197, 177) }
```

Border

The CSS property to change the border of an element to XYZ 50.1502, 54.5762, 49.4860 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(194, 197, 177) }
```


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

```
.border{ border-color:rgb(194, 197, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 197, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 197, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 197, 177);  
box-shadow:4px 4px 4px 4px rgb(194, 197,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1502, 54.5762, 49.4860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 197, 177) }
```

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

```
.background{ background-color: rgb(194,  
197, 177) }
```

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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