

Converting Colors

XYZ(50.8487, 54.3099, 54.3418)

Have a look what the booklet for
XYZ(50.8487, 54.3099, 54.3418)
contains.

XYZ(50.6262, 54.0447, 54.2178)	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(50.6262, 54.0447,
54.2178)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C3BA
RGB	194, 195, 186
RGB Percent	76%, 76%, 73%
CMY	0.2392, 0.2353, 0.2706
CMYK	0.01, 0.00, 0.05, 0.24
HSL	67°, 7%, 75%
HSV	67°, 5%, 76%
XYZ	50.6262, 54.0447, 54.2178
YIQ	193.6750, 2.2930, -3.0110

Conversions

Conversions Part 2

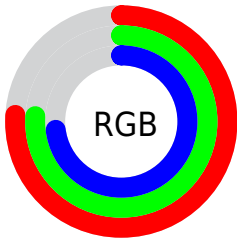
Format	Color
RYB	186, 195, 187
Decimal	12764090
CIELab	78.49, -1.97, 4.39
CIELCh	78, 4.809, 114.176
Yxy	54.0447, 0.3186, 0.3401
Android (android.graphics.Color)	4290954170 (0xFFC2C3BA)
YUV	193.6750, -3.7838, 0.2850
Hunter-Lab	73.5151, -5.7273, 7.7339

Details

The XYZ color **50.6262, 54.0447, 54.2178** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.9048, 49.6242, 58.6861**, and the grayscale version is **51.1081, 53.7697, 58.5552**.

A 20% lighter version of the original color is **90.2618, 96.3556, 97.8456**, and **24.5737, 26.3187, 25.9751** is the 20% darker color. If you saturate the color by 10%, you get **48.1399, 52.9879, 44.0083**, and if you desaturate by 10%, it is **53.4067, 55.2235, 65.9202**.

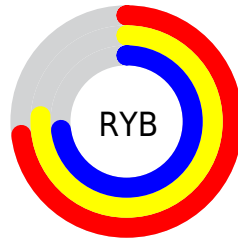
Distribution



Red (76%)

Green (76%)

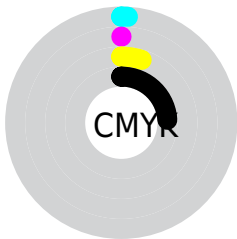
Blue (73%)



Red (73%)

Yellow (76%)

Blue (73%)

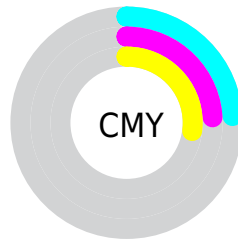


Cyan (1%)

Magenta (0%)

Yellow (5%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6262, 54.0447, 54.2178 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 50.6262, 54.0447, 54.2178 by changing the saturation by 10% instead.

■ 50.6262, 54.0447,
54.2178

■ 50.6262, 54.0447,
54.2178

379.5214,
402.2804, 420.1381

■ 36.1310, 38.6374,
38.3815

■ 90.2883, 96.1399,
97.8536

■ 24.7060, 26.4778,
25.9748

116.1859,
123.5965, 126.4901

■ 15.9857, 17.1814,
16.5792

146.6151,
155.8384, 160.2304

■ 9.6048, 10.3639,
9.7761

181.9411,
193.2500, 199.4931

■ 5.1980, 5.6409,
5.1471

222.5294,
236.2156, 244.6967

■ 2.3998, 2.6280,
2.2736

268.7453,

■ 0.8450, 0.9408,

285.1196, 296.2597

0.7164

320.9542,
340.3464, 354.6006

■ 0.0000, 0.0000,
0.0000

■ 50.6262, 54.0447,
54.2178

■ 50.6262, 54.0447,
54.2178

■ 48.1399, 52.9879,
44.0083

■ 53.4067, 55.2235,
65.9202

■ 45.9317, 52.0417,
35.2282

■ 56.4876, 56.5218,
79.1685

■ 43.9911, 51.2033,
27.8146

■ 59.8806, 57.9458,
94.0175

■ 42.3050, 50.4677,
21.6988

■ 62.1116, 58.9059,
102.7041

■ 40.8590, 49.8290,
16.8058

■ 62.7064, 59.2126,
102.7319

■ 39.6374, 49.2811,
13.0531

■ 63.3096, 59.5236,
102.7602

■ 38.6227, 48.8168,
10.3481

■ 63.9212, 59.8388,
102.7888

■ 37.7944, 48.4280,
8.5837

■ 64.5412, 60.1584,
102.8178

■ 37.1279, 48.1049,
7.6299

■ 65.1696, 60.4824,
102.8472

Harmonies

Analogous

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



51.5528, 54.0447, 53.8115



50.6262, 54.0447, 54.2178



49.9064, 54.0447, 55.8475

Triad

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



50.6262, 54.0447, 54.2178



50.3101, 54.0447, 63.1732



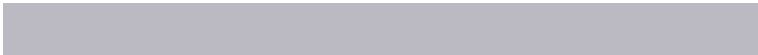
53.1996, 54.0447, 59.3759

Complementary

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



50.6262, 54.0447, 54.2178



47.9048, 49.6242, 58.6861

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.



52.8575, 54.0447, 61.9489



50.6262, 54.0447, 54.2178



51.1834, 54.0447, 64.1840

Square

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



50.6262, 54.0447, 54.2178



49.7255, 54.0447, 61.0058



52.1167, 54.0447, 63.7293



53.0460, 54.0447, 56.7368

Rectangle

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



50.6262, 54.0447, 54.2178



49.6369, 54.0447, 57.4357



52.1167, 54.0447, 63.7293



53.1386, 54.0447, 60.2781

Sweetspot

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



50.6277, 54.0470, 54.2190



92.4015, 97.5282, 104.3360



49.1195, 50.6470, 53.6422



20.2403, 21.3600, 22.8710



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.



50.6277, 54.0470, 54.2190



89.9802, 96.5010, 94.2372



49.5153, 53.4736, 54.1669



10.9550, 11.7657, 11.3926



23.9676, 31.1846, 4.7560



1.0677, 1.3640, 0.2070

Inverse Universe

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



47.9048, 49.6242, 58.6861



83.6077, 86.1500, 104.6918



48.9975, 50.1875, 58.7372



10.1209, 10.4110, 12.7609



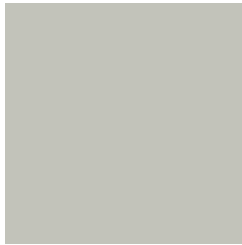
6.6498, 2.6885, 33.7251



0.3229, 0.1345, 1.4588

Previews

White Background



This preview shows how the XYZ color 50.6262, 54.0447, 54.2178 looks on a white background.

Color Contrast Check

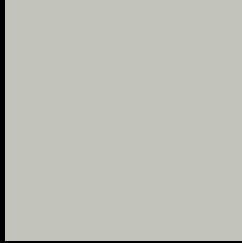
Large Text (above 18pt) WCAG AA × Fail

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 50.6262, 54.0447, 54.2178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

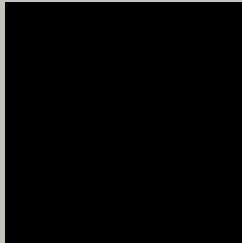
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

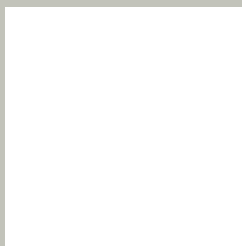
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6262, 54.0447, 54.2178

Background



This preview shows how black text looks on a background with the XYZ color 50.6262, 54.0447, 54.2178.



This preview shows how white text looks on a background with the XYZ color 50.6262, 54.0447,

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

50.6262, 54.0447, 54.2178

Protanopia

51.6463, 53.9221, 53.5849

Deuteranopia

54.9772, 54.0014, 54.5394



Tritanopia

53.1381, 54.0746, 66.6682

Trichromacy



Original Color

50.6262, 54.0447, 54.2178

Protanomaly

51.3374, 54.0921, 53.6340

Deuteranomaly

53.3326, 54.1149, 54.6480

Tritanomaly

52.1437, 53.9992, 61.7075

Monochromacy



Original Color

50.6262, 54.0447, 54.2178

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.9439, 53.8145, 56.9924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6262, 54.0447, 54.2178 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, 195, 186)` looks like.

```
.text, #text, p{  
    color:rgb(194, 195, 186)  
}
```

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, 195, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 195, 186) }
```

Border

The CSS property to change the border of an element to XYZ 50.6262, 54.0447, 54.2178 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, 195, 186) }
```


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

```
.border{ border-color:rgb(194, 195, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 195, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 195, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 195, 186);  
box-shadow:4px 4px 4px 4px rgb(194, 195,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6262, 54.0447, 54.2178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 195, 186) }
```

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

```
.background{ background-color: rgb(194,  
195, 186) }
```

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