

Converting Colors

XYZ(52.8044, 53.3511, 49.3863)

Have a look what the booklet for
XYZ(52.8044, 53.3511, 49.3863)
contains.

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Color

**XYZ(52.8118, 53.3112,
49.6261)**

Conversions

Conversions Part 1

Format	Color
Hex	D2BDB2
RGB	210, 189, 178
RGB Percent	82%, 74%, 70%
CMY	0.1765, 0.2588, 0.3020
CMYK	0.00, 0.10, 0.15, 0.18
HSL	21°, 26%, 76%
HSV	21°, 15%, 82%
XYZ	52.8118, 53.3112, 49.6261
YIQ	194.0250, 16.0470, 1.0310

Conversions

Conversions Part 2

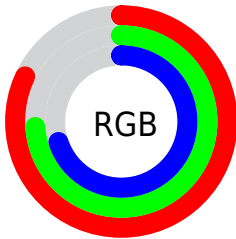
Format	Color
R _Y B	210, 195, 178
Decimal	13811122
CIE Lab	78.06, 5.63, 8.25
CIE LCh	78, 9.993, 55.697
Yxy	53.3112, 0.3391, 0.3423
Android (android.graphics.Color)	4292001202 (0xFFD2BDB2)
YUV	194.0250, -7.9003, 14.0101
Hunter-Lab	73.0145, 1.3346, 10.8123

Details

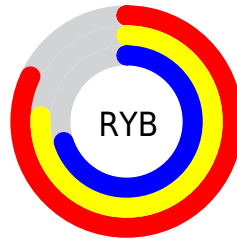
The XYZ color **52.8118, 53.3112, 49.6261** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4160, 54.9637, 68.9250**, and the grayscale version is **51.3328, 54.0061, 58.8127**.

A 20% lighter version of the original color is **88.7437, 92.5053, 91.0199**, and **26.0234, 26.0575, 23.0601** is the 20% darker color. If you saturate the color by 10%, you get **48.0385, 46.8843, 38.4166**, and if you desaturate by 10%, it is **58.1924, 60.4352, 62.6318**.

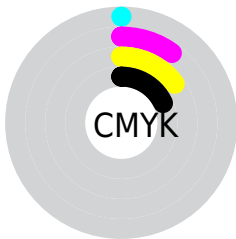
Distribution



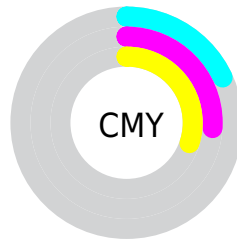
- Red (82%)
- Green (74%)
- Blue (70%)



- Red (82%)
- Yellow (76%)
- Blue (70%)



- Cyan (0%)
- Magenta (10%)
- Yellow (15%)
- Black (18%)





- Cyan (18%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8118, 53.3112, 49.6261 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 52.8118, 53.3112, 49.6261 by changing the saturation by 10% instead.


 52.8118, 53.3112,
49.6261

 52.8118, 53.3112,
49.6261


387.8353,
399.4779, 401.8951

 37.8794, 38.0513,
34.7473


 93.4945, 95.0621,
91.0112

 26.0659, 26.0225,
23.1863


119.9756,
122.3219, 118.3547

 17.0059, 16.8405,
14.5245


151.0370,
154.3504, 150.6900

 10.3340, 10.1208,
8.3435

187.0440,
191.5321, 188.4359

 5.6849, 5.4791,
4.2246

228.3619,
234.2513, 232.0108

 2.6933, 2.5310,
1.7494

275.3562,

 0.9937, 0.8921,

282.8924, 281.8332

0.3942

328.3923,
337.8398, 338.3218

■ 0.0000, 0.0000,
0.0000

■ 52.8118, 53.3112,
49.6261

■ 52.8118, 53.3112,
49.6261

■ 48.0385, 46.8843,
38.4166

■ 58.1924, 60.4352,
62.6318

■ 43.8458, 41.1259,
28.9202

■ 64.1972, 68.2695,
77.5050

■ 40.2112, 36.0158,
21.0524

■ 70.8478, 76.8363,
94.3172

■ 37.1090, 31.5299,
14.7200

■ 77.0152, 85.6951,
107.0894

■ 34.5111, 27.6427,
9.8202

■ 80.3885, 92.4417,
108.2139

■ 32.3868, 24.3266,
6.2375

■ 30.7012, 21.5515,
3.8381

■ 29.4132, 19.2834,
2.4590

■ 28.9098, 18.3642,
2.0209

Harmonies

Analogous

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



54.1225, 53.3112, 53.5171



52.8118, 53.3112, 49.6261



50.9524, 53.3112, 47.9904

Triad

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



52.8118, 53.3112, 49.6261



47.0255, 53.3112, 57.2454



52.3128, 53.3112, 68.2632

Complementary

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



52.8118, 53.3112, 49.6261



50.4160, 54.9637, 68.9250

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.



50.3901, 53.3112, 69.4183



52.8118, 53.3112, 49.6261



47.3688, 53.3112, 62.8252

Square

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



52.8118, 53.3112, 49.6261



47.6381, 53.3112, 52.2069



48.5883, 53.3112, 67.3700



53.8293, 53.3112, 64.3068

Rectangle

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



52.8118, 53.3112, 49.6261



49.6637, 53.3112, 48.3170



48.5883, 53.3112, 67.3700



51.6912, 53.3112, 69.0024

Sweetspot

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



52.8133, 53.3136, 49.6272



90.4537, 93.9840, 97.5747



52.8468, 49.6821, 61.0408



19.2268, 19.9403, 20.5571



0.0000, 0.0000, 0.0000



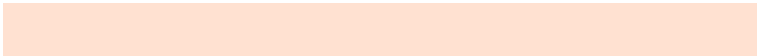
20.3446, 21.4041, 23.3091

Same Dimension

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



52.8133, 53.3136, 49.6272



79.6549, 79.6561, 71.5634



56.3664, 60.4198, 50.8116



12.1364, 12.4634, 12.3781



17.7191, 11.3713, 1.2610



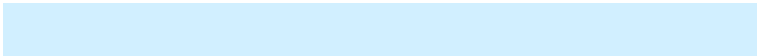
1.0639, 0.7822, 0.0949

Inverse Universe

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



50.4160, 54.9637, 68.9250



75.3026, 82.6495, 106.5918



46.9960, 48.1235, 67.7850



11.8019, 12.6940, 15.0718



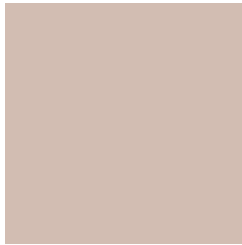
12.7178, 14.0822, 39.2403



0.7834, 0.9321, 2.2182

Previews

White Background



This preview shows how the XYZ color 52.8118, 53.3112, 49.6261 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 52.8118, 53.3112, 49.6261 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 52.8118, 53.3112, 49.6261

Background



This preview shows how black text looks on a background with the XYZ color 52.8118, 53.3112, 49.6261.



This preview shows how white text looks on a background with the XYZ color 52.8118, 53.3112,

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

52.8118, 53.3112, 49.6261

Protanopia

50.9073, 53.2739, 50.7798

Deuteranopia

54.3109, 53.1242, 50.0393



Tritanopia

55.4248, 53.4341, 62.0362

Trichromacy



Original Color

52.8118, 53.3112, 49.6261

Protanomaly

51.6693, 53.3536, 50.2228

Deuteranomaly

53.6386, 53.0915, 50.0684

Tritanomaly

54.4361, 53.3435, 57.2964

Monochromacy



Original Color

52.8118, 53.3112, 49.6261

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.7462, 53.6095, 55.1973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8118, 53.3112, 49.6261 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(210, 189, 178) looks like.

```
.text, #text, p{  
    color:rgb(210, 189, 178)  
}
```

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(210, 189, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 189, 178) }
```

Border

The CSS property to change the border of an element to XYZ 52.8118, 53.3112, 49.6261 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(210, 189, 178) }
```


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

```
.border{ border-color:rgb(210, 189, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 189, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 189, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 189, 178);  
box-shadow:4px 4px 4px 4px rgb(210, 189,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8118, 53.3112, 49.6261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 189, 178) }
```

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

```
.background{ background-color: rgb(210,  
189, 178) }
```

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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