

Converting Colors

XYZ(52.3015, 52.2681, 61.0496)

Have a look what the booklet for
XYZ(52.3015, 52.2681, 61.0496)
contains.

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Color

**XYZ(52.0508, 52.0354,
60.7265)**

Conversions

Conversions Part 1

Format	Color
Hex	C9BBC6
RGB	201, 187, 198
RGB Percent	79%, 73%, 78%
CMY	0.2118, 0.2666, 0.2235
CMYK	0.00, 0.07, 0.01, 0.21
HSL	313°, 11%, 76%
HSV	313°, 7%, 79%
XYZ	52.0508, 52.0354, 60.7265
YIQ	192.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

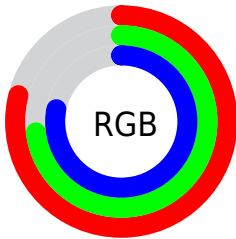
Format	Color
R _Y B	201, 187, 198
Decimal	13220806
CIE Lab	77.30, 6.91, -3.76
CIE LCh	77, 7.866, 331.428
Yxy	52.0354, 0.3158, 0.3157
Android (android.graphics.Color)	4291410886 (0xFFC9BBC6)
YUV	192.4400, 2.7411, 7.5071
Hunter-Lab	72.1356, 2.5629, 0.5823

Details

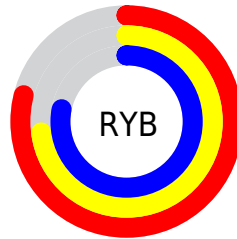
The XYZ color **52.0508, 52.0354, 60.7265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6765, 56.0573, 56.8673**, and the grayscale version is **50.3439, 52.9657, 57.6796**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **25.5918, 25.2669, 29.9137** is the 20% darker color. If you saturate the color by 10%, you get **47.5921, 43.9015, 56.8236**, and if you desaturate by 10%, it is **57.1234, 61.3732, 64.9051**.

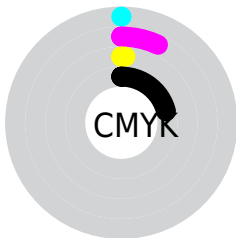
Distribution



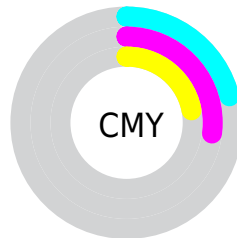
- Red (79%)
- Green (73%)
- Blue (78%)



- Red (79%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (21%)



- Cyan (21%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0508, 52.0354, 60.7265 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 52.0508, 52.0354, 60.7265 by changing the saturation by 10% instead.

■ 52.0508, 52.0354,
60.7265

■ 52.0508, 52.0354,
60.7265

384.9534,
394.5733, 445.1492

■ 37.2700, 37.0333,
43.5754

■ 92.3799, 93.1834,
107.4365

■ 25.5912, 25.2333,
30.0021

118.6590,
120.0982, 137.8324

■ 16.6492, 16.2509,
19.5881

149.5015,
151.7526, 173.4804

■ 10.0784, 9.7019,
11.9149

185.2728,
188.5310, 214.7989

■ 5.5137, 5.2018,
6.5639

226.3383,
230.8179, 262.2065

■ 2.5895, 2.3661,
3.1166

273.0634,

■ 0.9406, 0.8084,

278.9977, 316.1217

1.1545

325.8133,
333.4546, 376.9631

■ 0.0000, 0.0000,
0.0000

■ 52.0508, 52.0354,
60.7265

■ 52.0508, 52.0354,
60.7265

■ 47.5921, 43.9015,
56.8236

■ 57.1234, 61.3732,
64.9051

■ 43.7182, 36.9152,
53.1842

■ 62.8288, 71.9545,
69.3643

■ 40.4040, 31.0262,
49.7999

■ 69.1906, 83.8255,
74.1131

■ 37.6209, 26.1774,
46.6608

■ 72.1438, 88.8561,
77.7972

■ 35.3379, 22.3068,
43.7557

■ 72.7057, 89.0809,
80.7562

■ 33.5205, 19.3458,
41.0727

■ 73.2823, 89.3115,
83.7925

■ 32.1298, 17.2168,
38.5982

■ 73.8737, 89.5481,
86.9069

■ 31.1204, 15.8290,
36.3163

■ 74.4801, 89.7906,
90.0998

■ 30.4315, 15.0612,
34.2063

■ 75.1014, 90.0392,
93.3718

Harmonies

Analogous

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



50.9868, 52.0354, 64.0499



52.0508, 52.0354, 60.7265



52.4164, 52.0354, 56.4509

Triad

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



52.0508, 52.0354, 60.7265



49.3858, 52.0354, 48.7484



47.0228, 52.0354, 61.1029

Complementary

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



52.0508, 52.0354, 60.7265



50.6765, 56.0573, 56.8673

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.



46.6132, 52.0354, 56.8650



52.0508, 52.0354, 60.7265



47.9602, 52.0354, 49.8573

Square

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



52.0508, 52.0354, 60.7265



50.8591, 52.0354, 49.6674



46.9529, 52.0354, 52.7748



48.0830, 52.0354, 64.2749

Rectangle

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



52.0508, 52.0354, 60.7265



52.2091, 52.0354, 53.6752



46.9529, 52.0354, 52.7748



46.8055, 52.0354, 59.7487

Sweetspot

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



52.0523, 52.0377, 60.7276



93.2690, 96.7189, 107.4405



49.5004, 50.6817, 62.4328



19.9821, 20.7362, 23.0121



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.



52.0523, 52.0377, 60.7276



88.1878, 87.3894, 103.1788



51.2855, 51.7309, 56.6899



10.9820, 10.7762, 12.8884



19.0559, 9.3719, 21.3018



0.9273, 0.4538, 1.1403

Inverse Universe

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



52.0523, 52.0377, 60.7276



88.1878, 87.3894, 103.1788



51.4371, 56.3615, 60.8725



10.9820, 10.7762, 12.8884



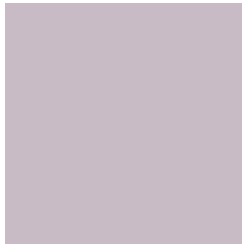
19.0559, 9.3719, 21.3018



0.9273, 0.4538, 1.1403

Previews

White Background



This preview shows how the XYZ color 52.0508, 52.0354, 60.7265 looks on a white background.

Color Contrast Check

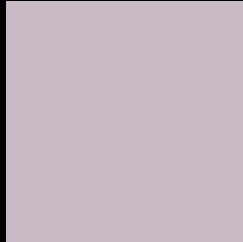
Large Text (above 18pt) WCAG AA × Fail

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 52.0508, 52.0354, 60.7265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

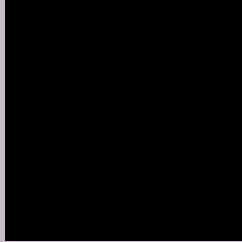
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0508, 52.0354, 60.7265

Background



This preview shows how black text looks on a background with the XYZ color 52.0508, 52.0354, 60.7265.



This preview shows how white text looks on a background with the XYZ color 52.0508, 52.0354,

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

52.0508, 52.0354, 60.7265

Protanopia

50.5770, 52.2035, 62.0542

Deuteranopia

52.9956, 51.8970, 60.6500



Tritanopia

52.1889, 51.7524, 62.4969

Trichromacy



Original Color

52.0508, 52.0354, 60.7265

Protanomaly

51.0121, 52.1208, 61.4045

Deuteranomaly

52.6538, 52.0324, 60.6942

Tritanomaly

52.0716, 51.7054, 61.8793

Monochromacy



Original Color

52.0508, 52.0354, 60.7265

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.6567, 52.3241, 58.4686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0508, 52.0354, 60.7265 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(201, 187, 198)` looks like.

```
.text, #text, p{  
    color:rgb(201, 187, 198)  
}
```

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(201, 187, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 187, 198) }
```

Border

The CSS property to change the border of an element to XYZ 52.0508, 52.0354, 60.7265 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(201, 187, 198) }
```


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

```
.border{ border-color:rgb(201, 187, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 187, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 187, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 187, 198);  
box-shadow:4px 4px 4px 4px rgb(201, 187,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0508, 52.0354, 60.7265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 187, 198) }
```

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

```
.background{ background-color: rgb(201,  
187, 198) }
```

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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