

Converting Colors

XYZ(52.4648, 57.5236, 62.5207)

Have a look what the booklet for
XYZ(52.4648, 57.5236, 62.5207)
contains.

XYZ(52.4038, 57.5268, 62.3746)	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(52.4038, 57.5268,
62.3746)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCBC7
RGB	188, 203, 199
RGB Percent	74%, 80%, 78%
CMY	0.2627, 0.2039, 0.2196
CMYK	0.07, 0.00, 0.02, 0.20
HSL	164°, 13%, 77%
HSV	164°, 7%, 80%
XYZ	52.4038, 57.5268, 62.3746
YIQ	198.0590, -7.6560, -4.4240

Conversions

Conversions Part 2

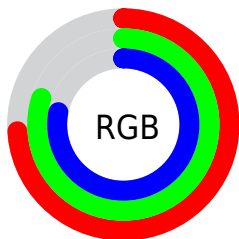
Format	Color
RYB	188, 197, 203
Decimal	12372935
CIELab	80.47, -5.85, 0.23
CIELCh	80, 5.850, 177.722
Yxy	57.5268, 0.3041, 0.3339
Android (android.graphics.Color)	4290563015 (0xFFBCCBC7)
YUV	198.0590, 0.4639, -8.8217
Hunter-Lab	75.8464, -9.4020, 4.3336

Details

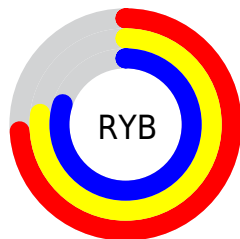
The XYZ color **52.4038, 57.5268, 62.3746** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1284, 52.4703, 57.2523**, and the grayscale version is **53.7144, 56.5117, 61.5412**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **25.8500, 28.6901, 30.9634** is the 20% darker color. If you saturate the color by 10%, you get **47.1329, 54.8825, 58.9039**, and if you desaturate by 10%, it is **58.4038, 60.5475, 65.9987**.

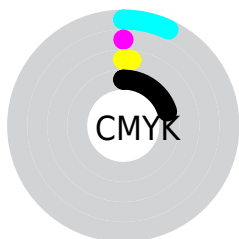
Distribution



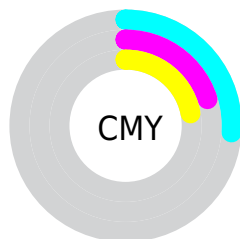
- Red (74%)
- Green (80%)
- Blue (78%)



- Red (74%)
- Yellow (77%)
- Blue (80%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (26%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4038, 57.5268, 62.3746 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 52.4038, 57.5268, 62.3746 by changing the saturation by 10% instead.

■ 52.4038, 57.5268,
62.3746

■ 52.4038, 57.5268,
62.3746

386.2919,
415.4204, 451.3415

■ 37.5526, 41.4283,
44.8977

■ 92.8972, 101.2335,
109.8436

■ 25.8113, 28.6539,
31.0345

119.2701,
129.6104, 140.6728

■ 16.8144, 18.8192,
20.3664

150.2143,
162.8490, 176.7898

■ 10.1968, 11.5397,
12.4750

186.0951,
201.3337, 218.6132

■ 5.5929, 6.4311,
6.9416

227.2779,
245.4487, 266.5615

■ 2.6374, 3.1089,
3.3477

274.1281,

■ 0.9651, 1.1889,

295.5786, 321.0534

1.2748

327.0110,
352.1077, 382.5072

■ 0.0000, 0.0526,
0.0410

■ 0.0000, 0.0000,
0.0000

■ 52.4038, 57.5268,
62.3746

■ 52.4038, 57.5268,
62.3746

■ 47.1329, 54.8825,
58.9039

■ 58.4038, 60.5475,
65.9987

■ 42.5568, 52.5923,
55.5802

■ 65.1557, 63.9517,
69.7749

■ 38.6457, 50.6423,
52.4021

■ 72.6875, 67.7552,
73.7068

■ 35.3656, 49.0152,
49.3667

■ 75.6041, 69.1769,
77.5430

■ 32.6794, 47.6917,
46.4712

■ 76.3362, 69.4698,
81.3986

■ 30.5462, 46.6508,
43.7122

■ 77.0919, 69.7720,
85.3779

■ 28.9196, 45.8687,
41.0863

■ 77.8713, 70.0838,
89.4820

■ 27.7454, 45.3175,
38.5897

■ 78.6745, 70.4051,
93.7120

■ 26.9485, 44.9583,
36.2174

■ 79.5019, 70.7360,
98.0690

Harmonies

Analogous

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



52.7495, 57.5268, 59.1733



52.4038, 57.5268, 62.3746



52.6600, 57.5268, 65.7621

Triad

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



52.4038, 57.5268, 62.3746



55.7581, 57.5268, 68.6716



55.9192, 57.5268, 57.2134

Complementary

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



52.4038, 57.5268, 62.3746



52.1284, 52.4703, 57.2523

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.



56.7459, 57.5268, 59.6124



52.4038, 57.5268, 62.3746



56.6520, 57.5268, 66.2331

Square

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



52.4038, 57.5268, 62.3746



54.5858, 57.5268, 69.4758



57.0160, 57.5268, 62.8999



54.7693, 57.5268, 56.2622

Rectangle

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



52.4038, 57.5268, 62.3746



53.1396, 57.5268, 67.6555



57.0160, 57.5268, 62.8999



56.2447, 57.5268, 57.8729

Sweetspot

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



52.4054, 57.5292, 62.3759



92.9802, 98.9582, 107.6635



52.2365, 57.5844, 55.9396



19.9233, 21.1920, 23.0575



0.0000, 0.0000, 0.0000



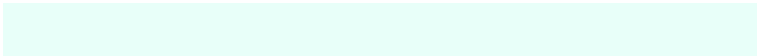
20.3446, 21.4041, 23.3091

Same Dimension

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



52.4054, 57.5292, 62.3759



86.1345, 95.5160, 103.4180



52.1168, 56.1983, 64.6033



11.4105, 12.6740, 13.7192



17.0742, 28.5750, 22.8733



0.9113, 1.4863, 1.3402

Inverse Universe

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



52.1284, 52.4703, 57.2523



85.5689, 85.1846, 92.9552



52.3930, 53.6998, 55.1815



11.3332, 11.2620, 12.2893



16.1324, 8.2636, 3.1501



0.8645, 0.4392, 0.3323

Previews

White Background



This preview shows how the XYZ color 52.4038, 57.5268, 62.3746 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 52.4038, 57.5268, 62.3746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

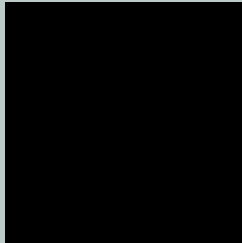
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

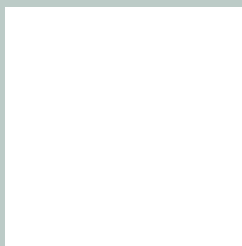
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4038, 57.5268, 62.3746

Background



This preview shows how black text looks on a background with the XYZ color 52.4038, 57.5268, 62.3746.



This preview shows how white text looks on a background with the XYZ color 52.4038, 57.5268,

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

52.4038, 57.5268, 62.3746

Protanopia

55.2891, 57.6697, 60.4419

Deuteranopia

58.5260, 57.2624, 63.2264



Tritanopia

54.5348, 57.3428, 73.1597

Trichromacy



Original Color

52.4038, 57.5268, 62.3746

Protanomaly

54.0210, 57.3455, 61.0449

Deuteranomaly

56.1237, 57.3680, 62.7587

Tritanomaly

53.7547, 57.3736, 69.2138

Monochromacy



Original Color

52.4038, 57.5268, 62.3746

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.0955, 56.8551, 61.6018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4038, 57.5268, 62.3746 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(188, 203, 199) looks like.

```
.text, #text, p{  
    color:rgb(188, 203, 199)  
}
```

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(188, 203, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 203, 199) }
```

Border

The CSS property to change the border of an element to XYZ 52.4038, 57.5268, 62.3746 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(188, 203, 199) }
```


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

```
.border{ border-color:rgb(188, 203, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 203, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 203, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 203, 199);  
box-shadow:4px 4px 4px 4px rgb(188, 203,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4038, 57.5268, 62.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 203, 199) }
```

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

```
.background{ background-color: rgb(188,  
203, 199) }
```

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