

Converting Colors

XYZ(53.3281, 52.8718, 62.4889)

Have a look what the booklet for
XYZ(53.3281, 52.8718, 62.4889)
contains.

XYZ(53.4277, 53.0209, 62.6764)	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(53.4277, 53.0209,
62.6764)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBCC9
RGB	204, 188, 201
RGB Percent	80%, 74%, 79%
CMY	0.2000, 0.2627, 0.2118
CMYK	0.00, 0.08, 0.01, 0.20
HSL	311°, 14%, 77%
HSV	311°, 8%, 80%
XYZ	53.4277, 53.0209, 62.6764
YIQ	194.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

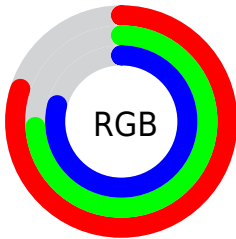
Format	Color
R_YB	204, 188, 201
Decimal	13417673
CIE Lab	77.89, 7.96, -4.50
CIE LCh	78, 9.143, 330.541
Yxy	53.0209, 0.3159, 0.3135
Android (android.graphics.Color)	4291607753 (0xFFCCBCC9)
YUV	194.2660, 3.3199, 8.5367
Hunter-Lab	72.8155, 3.5458, -0.0635

Details

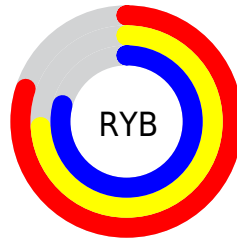
The XYZ color **53.4277, 53.0209, 62.6764** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7380, 57.6402, 57.6919**, and the grayscale version is **51.4157, 54.0933, 58.9077**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **26.5081, 25.9186, 31.2094** is the 20% darker color. If you saturate the color by 10%, you get **48.9301, 44.7364, 58.9847**, and if you desaturate by 10%, it is **58.5556, 62.5465, 66.6348**.

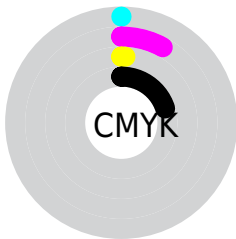
Distribution



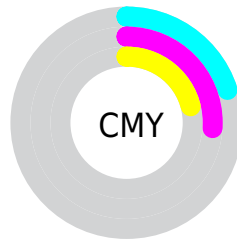
- Red (80%)
- Green (74%)
- Blue (79%)



- Red (80%)
- Yellow (74%)
- Blue (79%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4277, 53.0209, 62.6764 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 53.4277, 53.0209, 62.6764 by changing the saturation by 10% instead.

■ 53.4277, 53.0209,
62.6764

■ 53.4277, 53.0209,
62.6764

390.1579,
398.3653, 452.4697

■ 38.3732, 37.8195,
45.1402

■ 94.3953, 94.6351,
110.2836

■ 26.4510, 25.8426,
31.2241

121.0390,
121.8167, 141.1916

■ 17.2958, 16.7059,
20.5096

152.2765,
153.7604, 177.3940

■ 10.5422, 10.0250,
12.5783

188.4731,
190.8507, 219.3092

■ 5.8249, 5.4156,
7.0115

229.9942,
233.4719, 267.3558

■ 2.7786, 2.4931,
3.3907

277.2051,

■ 1.0378, 0.8732,

282.0085, 321.9524

1.2975

330.4713,
336.8448, 383.5176

■ 0.0000, 0.0000,
0.0597

■ 0.0000, 0.0000,
0.0000

■ 53.4277, 53.0209,
62.6764

■ 53.4277, 53.0209,
62.6764

■ 48.9301, 44.7364,
58.9847

■ 58.5556, 62.5465,
66.6348

■ 45.0324, 37.6346,
55.5472

■ 64.3334, 73.3547,
70.8650

■ 41.7085, 31.6627,
52.3555

■ 70.7856, 85.4936,
75.3760

■ 38.9287, 26.7615,
49.3993

■ 73.0964, 89.3312,
78.5631

36.6605, 22.8659,
46.6673

73.5979, 89.5318,
81.2039

34.8677, 19.9040,
44.1472

74.1110, 89.7371,
83.9058

33.5097, 17.7945,
41.8248

74.6358, 89.9470,
86.6692

32.5386, 16.4416,
39.6838

75.1723, 90.1616,
89.4946

31.8850, 15.7072,
37.7007

75.7207, 90.3809,
92.3822

Harmonies

Analogous

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



52.1505, 53.0209, 66.5722



53.4277, 53.0209, 62.6764



53.8880, 53.0209, 57.6383

Triad

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



53.4277, 53.0209, 62.6764



50.3625, 53.0209, 48.4911



47.5099, 53.0209, 62.8457

Complementary

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



53.4277, 53.0209, 62.6764



51.7380, 57.6402, 57.6919

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.



47.0559, 53.0209, 57.8232



53.4277, 53.0209, 62.6764



48.6789, 53.0209, 49.7090

Square

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



53.4277, 53.0209, 62.6764



52.0933, 53.0209, 49.6253



47.4789, 53.0209, 53.0524



48.7336, 53.0209, 66.6739

Rectangle

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



53.4277, 53.0209, 62.6764



53.6614, 53.0209, 54.3659



47.4789, 53.0209, 53.0524



47.2635, 53.0209, 61.2316

Sweetspot

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



53.4292, 53.0232, 62.6775



93.2909, 96.7276, 107.5558



50.3537, 51.3965, 64.3942



19.9865, 20.7380, 23.0355



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.



53.4292, 53.0232, 62.6775



87.4753, 85.9472, 102.9945



52.5200, 52.6595, 57.8895



11.5938, 11.3663, 13.6615



20.0230, 9.8198, 23.6377



1.0569, 0.5162, 1.3455

Inverse Universe

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



53.4292, 53.0232, 62.6775



87.4753, 85.9472, 102.9945



52.6348, 57.9989, 62.4145



11.5938, 11.3663, 13.6615



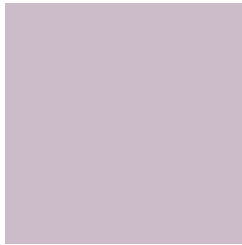
20.0230, 9.8198, 23.6377



1.0569, 0.5162, 1.3455

Previews

White Background



This preview shows how the XYZ color 53.4277, 53.0209, 62.6764 looks on a white background.

Color Contrast Check

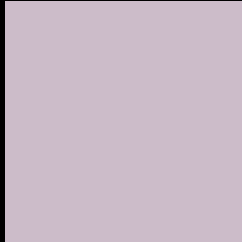
Large Text (above 18pt) WCAG AA × Fail

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 53.4277, 53.0209, 62.6764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

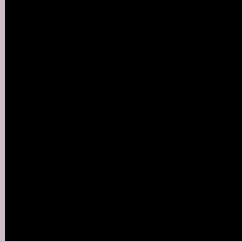
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4277, 53.0209, 62.6764

Background



This preview shows how black text looks on a background with the XYZ color 53.4277, 53.0209, 62.6764.



This preview shows how white text looks on a background with the XYZ color 53.4277, 53.0209,

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

53.4277, 53.0209, 62.6764

Protanopia

51.4026, 52.9109, 64.0035

Deuteranopia

54.0451, 53.0231, 62.6443



Tritanopia

53.6646, 53.1156, 63.9238

Trichromacy



Original Color

53.4277, 53.0209, 62.6764

Protanomaly

52.1001, 52.9615, 63.3537

Deuteranomaly

53.7665, 52.8795, 62.6313

Tritanomaly

53.5457, 53.0681, 63.2981

Monochromacy



Original Color

53.4277, 53.0209, 62.6764

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.2164, 53.7363, 60.4434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4277, 53.0209, 62.6764 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(204, 188, 201) looks like.

```
.text, #text, p{  
    color:rgb(204, 188, 201)  
}
```

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(204, 188, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 188, 201) }
```

Border

The CSS property to change the border of an element to XYZ 53.4277, 53.0209, 62.6764 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(204, 188, 201) }
```


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

```
.border{ border-color:rgb(204, 188, 201) }
```

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

Here you see how a box with a 4 pixel rgb(204, 188, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 188, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 188, 201);  
box-shadow:4px 4px 4px 4px rgb(204, 188,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4277, 53.0209, 62.6764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 188, 201) }
```

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

```
.background{ background-color: rgb(204,  
188, 201) }
```

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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