

Converting Colors

XYZ(52.0587, 50.3209, 62.1031)

Have a look what the booklet for
XYZ(52.0587, 50.3209, 62.1031)
contains.

XYZ(52.1724, 50.5103, 62.2580)	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(52.1724, 50.5103,
62.2580)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB6C9
RGB	204, 182, 201
RGB Percent	80%, 71%, 79%
CMY	0.2000, 0.2863, 0.2118
CMYK	0.00, 0.11, 0.01, 0.20
HSL	308°, 18%, 76%
HSV	308°, 11%, 80%
XYZ	52.1724, 50.5103, 62.2580
YIQ	190.7440, 7.0130, 10.5730

Conversions

Conversions Part 2

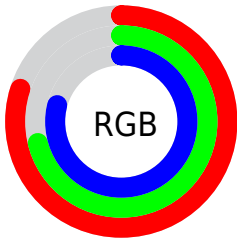
Format	Color
RYB	204, 182, 201
Decimal	13416137
CIELab	76.38, 11.19, -6.72
CIELCh	76, 13.057, 329.017
Yxy	50.5103, 0.3163, 0.3062
Android (android.graphics.Color)	4291606217 (0xFFCCB6C9)
YUV	190.7440, 5.0562, 11.6255
Hunter-Lab	71.0706, 6.6620, -2.1888

Details

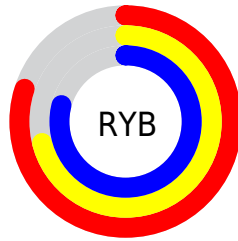
The XYZ color **52.1724, 50.5103, 62.2580** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6432, 56.6350, 54.2168**, and the grayscale version is **49.3430, 51.9127, 56.5329**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **25.6944, 24.2911, 30.9382** is the 20% darker color. If you saturate the color by 10%, you get **47.9713, 42.6264, 59.2578**, and if you desaturate by 10%, it is **56.9910, 59.6181, 65.4944**.

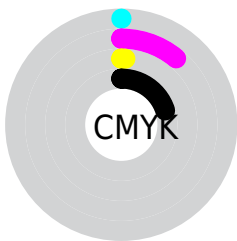
Distribution



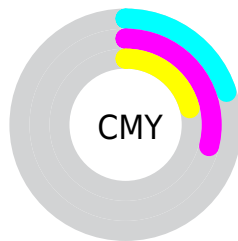
- Red (80%)
- Green (71%)
- Blue (79%)



- Red (80%)
- Yellow (71%)
- Blue (79%)



- Cyan (0%)
- Magenta (11%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1724, 50.5103, 62.2580 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 52.1724, 50.5103, 62.2580 by changing the saturation by 10% instead.

■ 52.1724, 50.5103,
62.2580

■ 52.1724, 50.5103,
62.2580

385.4148,
388.6582, 450.9052

■ 37.3673, 35.8190,
44.8041

■ 92.5582, 90.9305,
109.6735

■ 25.6670, 24.2945,
30.9613

118.8696,
117.4282, 140.4722

■ 16.7061, 15.5522,
20.3112

149.7471,
148.6302, 176.5562

■ 10.1191, 9.2078,
12.4351

185.5562,
184.9209, 218.3441

■ 5.5409, 4.8770,
6.9146

226.6622,
226.6846, 266.2544

■ 2.6060, 2.1753,
3.3311

273.4304,

■ 0.9490, 0.7065,

274.3058, 320.7057

1.2661

326.2261,
328.1689, 382.1164

■ 0.0000, 0.0000,
0.0338

■ 0.0000, 0.0000,
0.0000

■ 52.1724, 50.5103,
62.2580

■ 52.1724, 50.5103,
62.2580

■ 47.9713, 42.6264,
59.2578

■ 56.9910, 59.6181,
65.4944

■ 44.3570, 35.9076,
56.4818

■ 62.4473, 69.9926,
68.9722

■ 41.3029, 30.2996,
53.9214

■ 68.5660, 81.6823,
72.7004

■ 38.7785, 25.7417,
51.5664

■ 72.5624, 89.1176,
75.7509

■ 36.7504, 22.1672,
49.4055

■ 72.9168, 89.2594,
77.6172

■ 35.1813, 19.5015,
47.4261

■ 73.2773, 89.4036,
79.5155

■ 34.0288, 17.6598,
45.6139

■ 73.6439, 89.5502,
81.4460

■ 33.2424, 16.5409,
43.9518

■ 74.0166, 89.6993,
83.4088

■ 32.7562, 15.9792,
42.5242

■ 74.3955, 89.8509,
85.4042

Harmonies

Analogous

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



50.3361, 50.5103, 67.6934



52.1724, 50.5103, 62.2580



52.8872, 50.5103, 55.2295

Triad

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



52.1724, 50.5103, 62.2580



48.0896, 50.5103, 42.5515



43.9958, 50.5103, 61.8225

Complementary

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



52.1724, 50.5103, 62.2580



49.6432, 56.6350, 54.2168

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.



43.4395, 50.5103, 54.7654



52.1724, 50.5103, 62.2580



45.7539, 50.5103, 43.9968

Square

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



52.1724, 50.5103, 62.2580



50.4810, 50.5103, 44.1971



44.0723, 50.5103, 48.3239



45.6181, 50.5103, 67.4272

Rectangle

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



52.1724, 50.5103, 62.2580



52.6135, 50.5103, 50.7064



44.0723, 50.5103, 48.3239



43.6804, 50.5103, 59.5233

Sweetspot

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



52.1739, 50.5125, 62.2591



92.4903, 95.1488, 107.2203



47.6207, 48.1241, 63.9066



19.6538, 20.0952, 22.8548



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.



52.1739, 50.5125, 62.2591



84.6519, 80.3551, 101.8849



50.9331, 50.0162, 55.7250



11.6192, 11.3764, 13.7951



20.6423, 10.0675, 26.8988



1.0836, 0.5268, 1.4858

Inverse Universe

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



52.1739, 50.5125, 62.2591



84.6519, 80.3551, 101.8849



50.8422, 57.1146, 60.5309



11.6192, 11.3764, 13.7951



20.6423, 10.0675, 26.8988



1.0836, 0.5268, 1.4858

Previews

White Background



This preview shows how the XYZ color 52.1724, 50.5103, 62.2580 looks on a white background.

Color Contrast Check

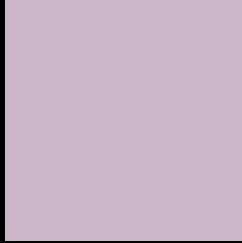
Large Text (above 18pt) WCAG AA × Fail

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 52.1724, 50.5103, 62.2580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

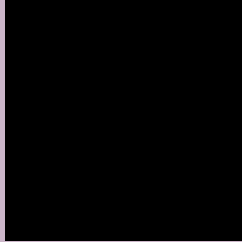
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1724, 50.5103, 62.2580

Background



This preview shows how black text looks on a background with the XYZ color 52.1724, 50.5103, 62.2580.



This preview shows how white text looks on a background with the XYZ color 52.1724, 50.5103,

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

52.1724, 50.5103, 62.2580

Protanopia

49.1629, 50.4651, 64.2763

Deuteranopia

51.5635, 50.5015, 62.2884



Tritanopia

51.6401, 50.5947, 59.8673

Trichromacy



Original Color

52.1724, 50.5103, 62.2580

Protanomaly

50.1208, 50.3472, 63.5762

Deuteranomaly

51.8332, 50.6406, 62.3010

Tritanomaly

51.7551, 50.6407, 60.4729

Monochromacy



Original Color

52.1724, 50.5103, 62.2580

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.5985, 51.6423, 58.9309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1724, 50.5103, 62.2580 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, 182, 201) looks like.

```
.text, #text, p{  
    color:rgb(204, 182, 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, 182, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 182, 201) }
```

Border

The CSS property to change the border of an element to XYZ 52.1724, 50.5103, 62.2580 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, 182, 201) }
```


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

```
.border{ border-color:rgb(204, 182, 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, 182, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 182, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 182, 201);  
box-shadow:4px 4px 4px 4px rgb(204, 182,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1724, 50.5103, 62.2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 182, 201) }
```

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

```
.background{ background-color: rgb(204,  
182, 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](#).

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