

Converting Colors

XYZ(52.8281, 50.9354, 61.1115)

Have a look what the booklet for
XYZ(52.8281, 50.9354, 61.1115)
contains.

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Color

**XYZ(52.7689, 50.8448,
61.0656)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB6C7
RGB	207, 182, 199
RGB Percent	81%, 71%, 78%
CMY	0.1882, 0.2863, 0.2196
CMYK	0.00, 0.12, 0.04, 0.19
HSL	319°, 21%, 76%
HSV	319°, 12%, 81%
XYZ	52.7689, 50.8448, 61.0656
YIQ	191.4130, 9.4430, 10.5870

Conversions

Conversions Part 2

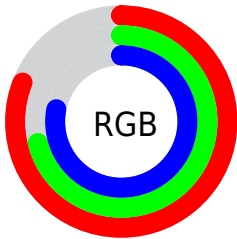
Format	Color
R _Y B	207, 182, 199
Decimal	13612743
CIE Lab	76.58, 11.87, -5.30
CIE LCh	77, 13.003, 335.925
Yxy	50.8448, 0.3204, 0.3088
Android (android.graphics.Color)	4291802823 (0xFFCFB6C7)
YUV	191.4130, 3.7404, 13.6698
Hunter-Lab	71.3055, 7.3123, -0.8617

Details

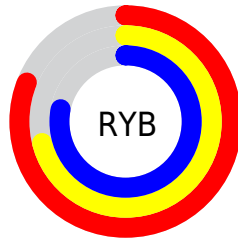
The XYZ color **52.7689, 50.8448, 61.0656** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9005, 58.2899, 57.2864**, and the grayscale version is **49.7373, 52.3275, 56.9847**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **26.0980, 24.5172, 30.1448** is the 20% darker color. If you saturate the color by 10%, you get **48.0868, 42.6844, 55.7924**, and if you desaturate by 10%, it is **58.1140, 60.2763, 66.7263**.

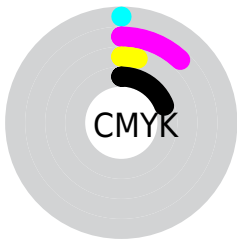
Distribution



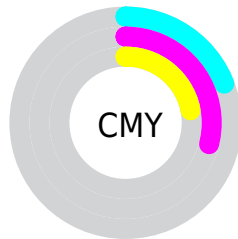
- Red (81%)
- Green (71%)
- Blue (78%)



- Red (81%)
- Yellow (71%)
- Blue (78%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (19%)



- Cyan (19%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7689, 50.8448, 61.0656 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 52.7689, 50.8448, 61.0656 by changing the saturation by 10% instead.

■ 52.7689, 50.8448,
61.0656

■ 52.7689, 50.8448,
61.0656

387.6732,
389.9605, 446.4277

■ 37.8451, 36.0851,
43.8472

■ 93.4318, 91.4253,
107.9324

■ 26.0391, 24.4999,
30.2141

119.9015,
118.0149, 138.4178

■ 16.9857, 15.7049,
19.7477

150.9505,
149.3167, 174.1627

■ 10.3196, 9.3156,
12.0295

186.9443,
185.7149, 215.5856

■ 5.6752, 4.9476,
6.6410

228.2481,
227.5940, 263.1050

■ 2.6874, 2.2165,
3.1636

275.2272,

■ 0.9907, 0.7290,

275.3383, 317.1395

1.1788

328.2472,
329.3324, 378.1075

■ 0.0000, 0.0000,
0.0000

■ 52.7689, 50.8448,
61.0656

■ 52.7689, 50.8448,
61.0656

■ 48.0868, 42.6844,
55.7924

■ 58.1140, 60.2763,
66.7263

■ 44.0356, 35.7335,
50.8920

■ 64.1439, 71.0238,
72.7820

■ 40.5869, 29.9353,
46.3535

■ 70.8848, 83.1382,
79.2439

■ 37.7083, 25.2259,
42.1639

■ 75.1517, 90.2493,
85.0524

■ 35.3644, 21.5349,
38.3093

■ 76.0760, 90.6190,
89.9199

■ 33.5155, 18.7839,
34.7741

■ 77.0358, 91.0029,
94.9744

■ 32.1162, 16.8827,
31.5410

■ 78.0316, 91.4012,
100.2177

■ 31.1122, 15.7236,
28.5894

■ 79.0635, 91.8140,
105.6520

■ 30.5217, 15.1813,
26.4236

■ 79.5425, 92.0056,
108.1743

Harmonies

Analogous

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



51.1513, 50.8448, 67.0552



52.7689, 50.8448, 61.0656



53.1789, 50.8448, 53.9766

Triad

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



52.7689, 50.8448, 61.0656



47.8405, 50.8448, 42.9658



44.6012, 50.8448, 63.6842

Complementary

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



52.7689, 50.8448, 61.0656



50.9005, 58.2899, 57.2864

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.



43.7785, 50.8448, 56.7695



52.7689, 50.8448, 61.0656



45.6076, 50.8448, 45.1128

Square

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



52.7689, 50.8448, 61.0656



50.2792, 50.8448, 43.9054



44.1406, 50.8448, 50.0239



46.4249, 50.8448, 68.6545

Rectangle

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



52.7689, 50.8448, 61.0656



52.7006, 50.8448, 49.6549



44.1406, 50.8448, 50.0239



44.2013, 50.8448, 61.4890

Sweetspot

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



52.7704, 50.8470, 61.0667



91.3607, 93.4554, 105.0993



49.2069, 48.8998, 65.8775



19.4107, 19.7481, 22.3451



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.



52.7704, 50.8470, 61.0667



82.9144, 78.5855, 96.0478



51.3870, 50.2937, 53.7818



12.1431, 11.9420, 14.0294



19.2745, 9.5826, 16.8836



1.1130, 0.5499, 1.1300

Inverse Universe

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



52.7704, 50.8470, 61.0667



82.9144, 78.5855, 96.0478



52.3160, 58.8561, 64.7404



12.1431, 11.9420, 14.0294



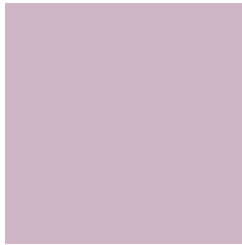
19.2745, 9.5826, 16.8836



1.1130, 0.5499, 1.1300

Previews

White Background



This preview shows how the XYZ color 52.7689, 50.8448, 61.0656 looks on a white background.

Color Contrast Check

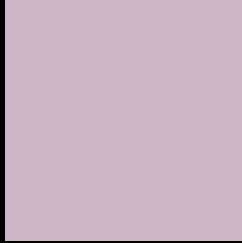
Large Text (above 18pt) WCAG AA × Fail

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 52.7689, 50.8448, 61.0656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

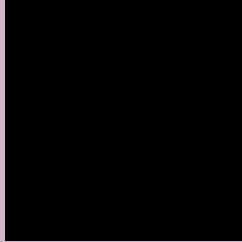
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7689, 50.8448, 61.0656

Background



This preview shows how black text looks on a background with the XYZ color 52.7689, 50.8448, 61.0656.



This preview shows how white text looks on a background with the XYZ color 52.7689, 50.8448,

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

52.7689, 50.8448, 61.0656

Protanopia

49.7490, 51.0971, 63.7406

Deuteranopia

51.8709, 50.6870, 61.0825



Tritanopia

52.5381, 50.7525, 59.8505

Trichromacy



Original Color

52.7689, 50.8448, 61.0656

Protanomaly

50.9845, 51.1178, 63.0567

Deuteranomaly

52.1441, 50.8279, 61.0953

Tritanomaly

52.6531, 50.7985, 60.4561

Monochromacy



Original Color

52.7689, 50.8448, 61.0656

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.7468, 51.7318, 58.3495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7689, 50.8448, 61.0656 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(207, 182, 199)` looks like.

```
.text, #text, p{  
    color:rgb(207, 182, 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(207, 182, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 182, 199) }
```

Border

The CSS property to change the border of an element to XYZ 52.7689, 50.8448, 61.0656 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(207, 182, 199) }
```


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

```
.border{ border-color:rgb(207, 182, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 182, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 182, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 182, 199);  
box-shadow:4px 4px 4px 4px rgb(207, 182,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7689, 50.8448, 61.0656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 182, 199) }
```

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

```
.background{ background-color: rgb(207,  
182, 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](#).

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