

Converting Colors

XYZ(53.5782, 51.8610, 61.8299)

Have a look what the booklet for
XYZ(53.5782, 51.8610, 61.8299)
contains.

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Color

**XYZ(53.5782, 51.8610,
61.8299)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B8C8
RGB	208, 184, 200
RGB Percent	82%, 72%, 78%
CMY	0.1843, 0.2784, 0.2157
CMYK	0.00, 0.12, 0.04, 0.18
HSL	320°, 20%, 77%
HSV	320°, 12%, 82%
XYZ	53.5782, 51.8610, 61.8299
YIQ	193.0000, 9.1680, 10.0640

Conversions

Conversions Part 2

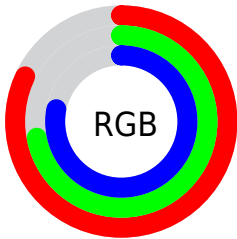
Format	Color
R _Y B	208, 184, 200
Decimal	13678792
CIE Lab	77.20, 11.32, -4.93
CIE LCh	77, 12.349, 336.454
Yxy	51.8610, 0.3203, 0.3100
Android (android.graphics.Color)	4291868872 (0xFFD0B8C8)
YUV	193.0000, 3.4510, 13.1550
Hunter-Lab	72.0146, 6.7769, -0.4947

Details

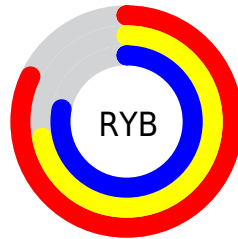
The XYZ color **53.5782, 51.8610, 61.8299** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8394, 59.1092, 58.5489**, and the grayscale version is **50.6664, 53.3050, 58.0491**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **26.6310, 25.1779, 30.6504** is the 20% darker color. If you saturate the color by 10%, you get **48.7794, 43.5305, 56.3225**, and if you desaturate by 10%, it is **59.0520, 61.4813, 67.7449**.

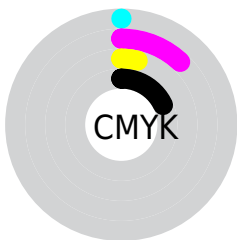
Distribution



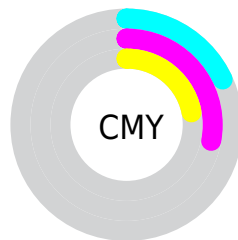
- Red (82%)
- Green (72%)
- Blue (78%)



- Red (82%)
- Yellow (72%)
- Blue (78%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (18%)





- Cyan (18%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5782, 51.8610, 61.8299 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 53.5782, 51.8610, 61.8299 by changing the saturation by 10% instead.


 53.5782, 51.8610,
61.8299

 53.5782, 51.8610,
61.8299


390.7242,
393.8998, 449.3009

 38.4939, 36.8943,
44.4604

 94.6152, 92.9262,
109.0489

 26.5452, 25.1257,
30.6927


121.2985,
119.7935, 139.7354

 17.3667, 16.1707,
20.1085


152.5789,
151.3965, 175.6980

 10.5932, 9.6450,
12.2891

188.8217,
188.1194, 217.3551

 5.8593, 5.1642,
6.8159

230.3923,
230.3469, 265.1255

 2.7996, 2.3439,
3.2706

277.6560,

 1.0487, 0.7968,

278.4631, 319.4275

1.2344

330.9782,
332.8526, 380.6798

■ 0.0000, 0.0000,
0.0071

■ 0.0000, 0.0000,
0.0000

■ 53.5782, 51.8610,
61.8299

■ 53.5782, 51.8610,
61.8299

■ 48.7794, 43.5305,
56.3225

■ 59.0520, 61.4813,
67.7449

■ 44.6231, 36.4275,
51.2077

■ 65.2228, 72.4366,
74.0753

■ 41.0806, 30.4949,
46.4741

■ 72.1169, 84.7784,
80.8327

■ 38.1192, 25.6682,
42.1082

■ 75.7400, 90.5170,
86.6881

■ 35.7033, 21.8767,
38.0958

■ 76.7208, 90.9093,
91.8531

■ 33.7929, 19.0413,
34.4208

■ 77.7407, 91.3172,
97.2238

■ 32.3423, 17.0716,
31.0655

■ 78.8001, 91.7410,
102.8024

■ 31.2971, 15.8597,
28.0090

■ 79.8227, 92.1500,
108.1874

■ 30.6480, 15.2641,
25.6263

Harmonies

Analogous

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



52.0430, 51.8610, 67.5999



53.5782, 51.8610, 61.8299



53.9487, 51.8610, 55.0170

Triad

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



53.5782, 51.8610, 61.8299



48.7831, 51.8610, 44.4942



45.7256, 51.8610, 64.5620

Complementary

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



53.5782, 51.8610, 61.8299



51.8394, 59.1092, 58.5489

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.



44.9119, 51.8610, 57.9439



53.5782, 51.8610, 61.8299



46.6403, 51.8610, 46.6303

Square

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



53.5782, 51.8610, 61.8299



51.1307, 51.8610, 45.3540



45.2413, 51.8610, 51.4251



47.4986, 51.8610, 69.2633

Rectangle

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



53.5782, 51.8610, 61.8299



53.4752, 51.8610, 50.8644



45.2413, 51.8610, 51.4251



45.3335, 51.8610, 62.4683

Sweetspot

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



53.5797, 51.8633, 61.8310



92.2500, 95.0526, 105.9544



50.2660, 50.0441, 66.6853



19.5888, 20.0692, 22.5123



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.



53.5797, 51.8633, 61.8310



82.8424, 78.5567, 95.6687



52.2318, 51.3241, 54.7330



12.1363, 11.9392, 13.9934



19.1478, 9.5319, 16.2162



1.1066, 0.5474, 1.0963

Inverse Universe

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



53.5797, 51.8633, 61.8310



82.8424, 78.5567, 95.6687



53.2237, 59.6629, 65.8387



12.1363, 11.9392, 13.9934



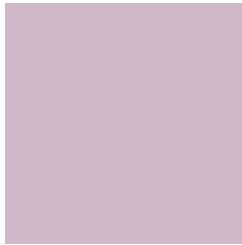
19.1478, 9.5319, 16.2162



1.1066, 0.5474, 1.0963

Previews

White Background



This preview shows how the XYZ color 53.5782, 51.8610, 61.8299 looks on a white background.

Color Contrast Check

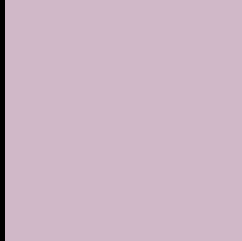
Large Text (above 18pt) WCAG AA × Fail

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 53.5782, 51.8610, 61.8299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

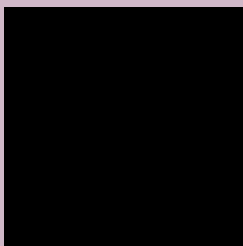
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5782, 51.8610, 61.8299

Background



This preview shows how black text looks on a background with the XYZ color 53.5782, 51.8610, 61.8299.



This preview shows how white text looks on a background with the XYZ color 53.5782, 51.8610,

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

53.5782, 51.8610, 61.8299

Protanopia

50.4282, 52.0859, 63.8956

Deuteranopia

52.9511, 51.8472, 61.8603



Tritanopia

53.4617, 51.8144, 61.2163

Trichromacy



Original Color

53.5782, 51.8610, 61.8299

Protanomaly

51.6698, 52.1010, 63.2103

Deuteranomaly

53.2279, 51.9899, 61.8732

Tritanomaly

53.4617, 51.8144, 61.2163

Monochromacy



Original Color

53.5782, 51.8610, 61.8299

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.6660, 52.8182, 59.6964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5782, 51.8610, 61.8299 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(208, 184, 200)` looks like.

```
.text, #text, p{  
    color:rgb(208, 184, 200)  
}
```

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(208, 184, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 184, 200) }
```

Border

The CSS property to change the border of an element to XYZ 53.5782, 51.8610, 61.8299 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(208, 184, 200) }
```


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

```
.border{ border-color:rgb(208, 184, 200) }
```

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

Here you see how a box with a 4 pixel rgb(208, 184, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 184, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 184, 200);  
box-shadow:4px 4px 4px 4px rgb(208, 184,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5782, 51.8610, 61.8299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 184, 200) }
```

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

```
.background{ background-color: rgb(208,  
184, 200) }
```

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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