

Converting Colors

XYZ(53.5914, 53.6778, 61.7153)

Have a look what the booklet for
XYZ(53.5914, 53.6778, 61.7153)
contains.

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Color

**XYZ(53.6241, 53.7878,
61.5886)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBEC7
RGB	204, 190, 199
RGB Percent	80%, 75%, 78%
CMY	0.2000, 0.2549, 0.2196
CMYK	0.00, 0.07, 0.02, 0.20
HSL	321°, 12%, 77%
HSV	321°, 7%, 80%
XYZ	53.6241, 53.7878, 61.5886
YIQ	195.2120, 5.4550, 5.7670

Conversions

Conversions Part 2

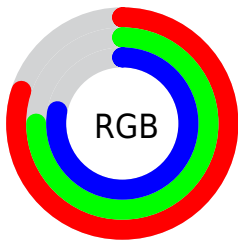
Format	Color
RYB	204, 190, 199
Decimal	13418183
CIELab	78.34, 6.52, -2.75
CIELCh	78, 7.081, 337.132
Yxy	53.7878, 0.3173, 0.3183
Android (android.graphics.Color)	4291608263 (0xFFCCBEC7)
YUV	195.2120, 1.8675, 7.7071
Hunter-Lab	73.3402, 2.1685, 1.5484

Details

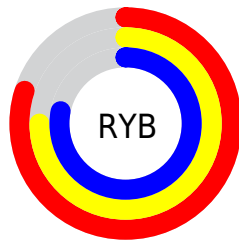
The XYZ color **53.6241, 53.7878, 61.5886** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6804, 58.0745, 60.0656**, and the grayscale version is **51.9864, 54.6937, 59.5614**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **26.6342, 26.4197, 30.4838** is the 20% darker color. If you saturate the color by 10%, you get **48.6856, 45.2321, 55.8677**, and if you desaturate by 10%, it is **59.2246, 63.6012, 67.7315**.

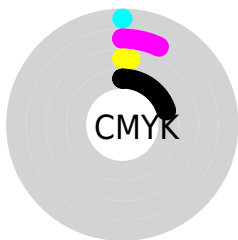
Distribution



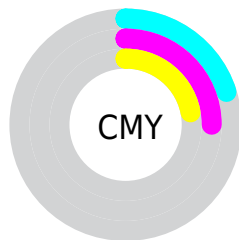
- Red (80%)
- Green (75%)
- Blue (78%)



- Red (80%)
- Yellow (75%)
- Blue (78%)



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



- Cyan (20%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6241, 53.7878, 61.5886 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 53.6241, 53.7878, 61.5886 by changing the saturation by 10% instead.

■ 53.6241, 53.7878,
61.5886

■ 53.6241, 53.7878,
61.5886

390.8967,
401.3003, 448.3950

■ 38.5307, 38.4320,
44.2667

■ 94.6822, 95.7626,
108.6965

■ 26.5739, 26.3182,
30.5415

121.3777,
123.1504, 139.3197

■ 17.3884, 17.0618,
19.9944

152.6711,
155.3177, 175.2137

■ 10.6088, 10.2786,
12.2070

188.9280,
192.6489, 216.7970

■ 5.8698, 5.5841,
6.7605

230.5137,
235.5284, 264.4883

■ 2.8060, 2.5938,
3.2366

277.7934,

■ 1.0520, 0.9236,

284.3405, 318.7060

1.2167

331.1327,
339.4697, 379.8687

■ 0.0000, 0.0000,
0.0000

■ 53.6241, 53.7878,
61.5886

■ 53.6241, 53.7878,
61.5886

■ 48.6856, 45.2321,
55.8677

■ 59.2246, 63.6012,
67.7315

■ 44.3785, 37.8758,
50.5537

■ 65.5071, 74.7137,
74.3037

■ 40.6763, 31.6664,
45.6357

■ 72.4965, 87.1734,
81.3169

■ 37.5491, 26.5448,
41.1009

■ 74.6869, 89.9674,
86.9383

■ 34.9640, 22.4464,
36.9353

■ 75.7211, 90.3811,
92.3848

■ 32.8850, 19.2999,
33.1239

■ 76.7986, 90.8121,
98.0587

■ 31.2712, 17.0247,
29.6499

■ 77.9198, 91.2606,
103.9627

■ 30.0751, 15.5266,
26.4944

■ 78.7122, 91.5775,
108.1354

■ 29.2339, 14.6815,
23.6331

Harmonies

Analogous

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



52.7528, 53.7878, 64.8776



53.6241, 53.7878, 61.5886



53.8197, 53.7878, 57.6213

Triad

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



53.6241, 53.7878, 61.5886



50.7928, 53.7878, 51.2996



49.0240, 53.7878, 63.3052

Complementary

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



53.6241, 53.7878, 61.5886



52.6804, 58.0745, 60.0656

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.



48.5193, 53.7878, 59.5205



53.6241, 53.7878, 61.5886



49.5284, 53.7878, 52.6772

Square

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



53.6241, 53.7878, 61.5886



52.1686, 53.7878, 51.7973



48.7022, 53.7878, 55.6435



50.0929, 53.7878, 65.8995

Rectangle

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



53.6241, 53.7878, 61.5886



53.5375, 53.7878, 55.1465



48.7022, 53.7878, 55.6435



48.7836, 53.7878, 62.1235

Sweetspot

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



53.6256, 53.7901, 61.5898



93.1526, 96.6723, 106.8273



51.7945, 52.7780, 64.5848



19.9584, 20.7267, 22.8873



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.



53.6256, 53.7901, 61.5898



87.7326, 87.2073, 100.7819



52.8427, 53.4769, 57.4668



11.5108, 11.3331, 13.2245



18.3031, 9.1318, 14.5809



0.9796, 0.4853, 0.9385

Inverse Universe

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



53.6256, 53.7901, 61.5898



87.7326, 87.2073, 100.7819



53.4786, 58.3937, 64.2687



11.5108, 11.3331, 13.2245



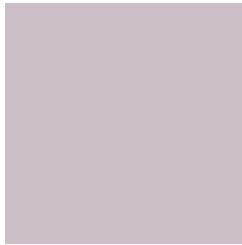
18.3031, 9.1318, 14.5809



0.9796, 0.4853, 0.9385

Previews

White Background



This preview shows how the XYZ color 53.6241, 53.7878, 61.5886 looks on a white background.

Color Contrast Check

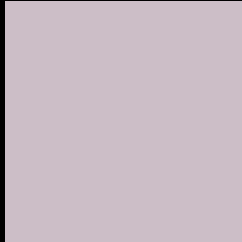
Large Text (above 18pt) WCAG AA × Fail

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 53.6241, 53.7878, 61.5886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

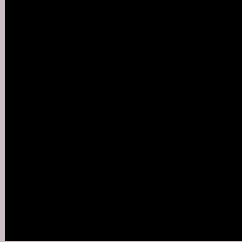
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6241, 53.7878, 61.5886

Background



This preview shows how black text looks on a background with the XYZ color 53.6241, 53.7878, 61.5886.



This preview shows how white text looks on a background with the XYZ color 53.6241, 53.7878,

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

53.6241, 53.7878, 61.5886

Protanopia

52.1183, 53.9591, 62.9266

Deuteranopia

54.8704, 53.7916, 61.5237



Tritanopia

54.2735, 53.7340, 64.6379

Trichromacy



Original Color

53.6241, 53.7878, 61.5886

Protanomaly

52.5637, 53.8752, 62.2721

Deuteranomaly

54.5188, 53.9286, 61.5686

Tritanomaly

54.0351, 53.6386, 63.3824

Monochromacy



Original Color

53.6241, 53.7878, 61.5886

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.3225, 54.1312, 59.9152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6241, 53.7878, 61.5886 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, 190, 199) looks like.

```
.text, #text, p{  
    color:rgb(204, 190, 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(204, 190, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 190, 199) }
```

Border

The CSS property to change the border of an element to XYZ 53.6241, 53.7878, 61.5886 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, 190, 199) }
```


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

```
.border{ border-color:rgb(204, 190, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 190, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 190, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 190, 199);  
box-shadow:4px 4px 4px 4px rgb(204, 190,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6241, 53.7878, 61.5886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 190, 199) }
```

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

```
.background{ background-color: rgb(204,  
190, 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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