

Converting Colors

XYZ(55.6280, 61.1857, 53.1341)

Have a look what the booklet for
XYZ(55.6280, 61.1857, 53.1341)
contains.

XYZ(55.6280, 61.1857, 53.1341)	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(55.6280, 61.1857,
53.1341)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD0B6
RGB	203, 208, 182
RGB Percent	80%, 82%, 71%
CMY	0.2039, 0.1843, 0.2863
CMYK	0.02, 0.00, 0.13, 0.18
HSL	72°, 22%, 76%
HSV	72°, 13%, 82%
XYZ	55.6280, 61.1857, 53.1341
YIQ	203.5410, 5.3660, -9.1460

Conversions

Conversions Part 2

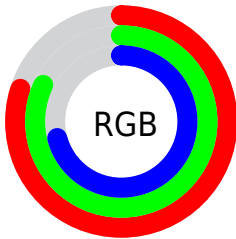
Format	Color
R_{YB}	182, 208, 187
Decimal	13357238
CIE _{Lab}	82.48, -6.24, 12.33
CIE _{LCh}	82, 13.820, 116.840
Yxy	61.1857, 0.3273, 0.3600
Android (android.graphics.Color)	4291547318 (0xFFCBD0B6)
YUV	203.5410, -10.6197, -0.4745
Hunter-Lab	78.2213, -9.9449, 14.4804

Details

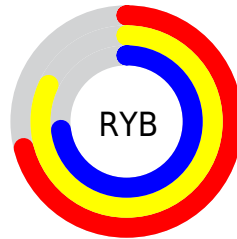
The XYZ color **55.6280, 61.1857, 53.1341** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.6091, 48.5764, 66.4921**, and the grayscale version is **57.1688, 60.1460, 65.4990**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **27.9125, 31.0857, 25.2979** is the 20% darker color. If you saturate the color by 10%, you get **52.5606, 59.8364, 42.5906**, and if you desaturate by 10%, it is **59.0463, 62.6826, 65.3633**.

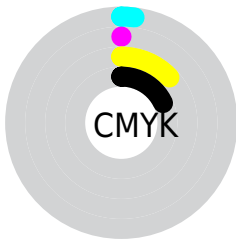
Distribution



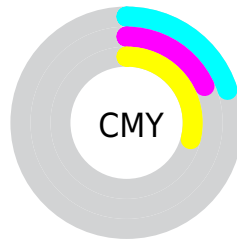
- Red (80%)
- Green (82%)
- Blue (71%)



- Red (71%)
- Yellow (82%)
- Blue (73%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6280, 61.1857, 53.1341 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 55.6280, 61.1857, 53.1341 by changing the saturation by 10% instead.

■ 55.6280, 61.1857,
53.1341

■ 55.6280, 61.1857,
53.1341

398.3859,
428.9546, 415.8803

■ 40.1406, 44.3751,
37.5214

■ 97.6034, 106.5478,
96.2452

■ 27.8329, 30.9655,
25.3125

124.8222,
135.8680, 124.5807

■ 18.3395, 20.5726,
16.0889

156.6820,
170.1268, 157.9941

■ 11.2952, 12.8119,
9.4320

193.5484,
209.7087, 196.9041

■ 6.3345, 7.2992,
4.9234

235.7866,
254.9980, 241.7292

■ 3.0921, 3.6499,
2.1444

283.7620,

■ 1.2027, 1.4797,

306.3792, 292.8879

0.6420

337.8400,
364.2366, 350.7987

■ 0.1085, 0.2744,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6280, 61.1857,
53.1341

■ 55.6280, 61.1857,
53.1341

■ 52.5606, 59.8364,
42.5906

■ 59.0463, 62.6826,
65.3633

■ 49.8247, 58.6210,
33.6551

■ 62.8238, 64.3244,
79.3435

■ 47.4069, 57.5360,
26.2493

■ 66.9748, 66.1190,
95.1416

■ 45.2905, 56.5747,
20.2872

■ 69.8244, 67.3963,
103.9364

■ 43.4574, 55.7299,
15.6741

■ 71.0434, 68.0247,
103.9934

■ 41.8871, 54.9934,
12.3040

■ 72.2916, 68.6682,
104.0519

■ 40.5564, 54.3557,
10.0553

■ 73.5691, 69.3268,
104.1116

■ 39.4373, 53.8058,
8.7816

■ 74.8762, 70.0006,
104.1728

■ 38.7004, 53.4364,
8.2745

■ 76.2131, 70.6898,
104.2354

Harmonies

Analogous

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



58.4688, 61.1857, 51.6619



55.6280, 61.1857, 53.1341



53.5283, 61.1857, 58.1129

Triad

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



55.6280, 61.1857, 53.1341



55.1032, 61.1857, 81.1886



64.0132, 61.1857, 67.5215

Complementary

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



55.6280, 61.1857, 53.1341



48.6091, 48.5764, 66.4921

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.



63.0412, 61.1857, 75.9210



55.6280, 61.1857, 53.1341



57.8426, 61.1857, 84.2200

Square

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



55.6280, 61.1857, 53.1341



53.2326, 61.1857, 74.2391



60.7577, 61.1857, 82.2160



63.3722, 61.1857, 59.5424

Rectangle

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



55.6280, 61.1857, 53.1341



52.7975, 61.1857, 62.9854



60.7577, 61.1857, 82.2160



63.8635, 61.1857, 70.3936

Sweetspot

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



55.6297, 61.1884, 53.1354



92.7324, 98.9900, 100.4457



52.1789, 52.2308, 51.5883



19.7575, 21.1482, 21.1701



0.0000, 0.0000, 0.0000



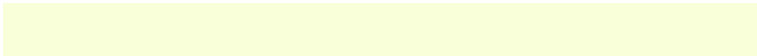
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.6297, 61.1884, 53.1354



86.8354, 96.4073, 79.5070



52.2950, 59.4693, 52.9794



12.5712, 13.6779, 12.5896



24.1970, 33.3430, 5.1605



1.4116, 1.8946, 0.2913

Inverse Universe

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



48.6091, 48.5764, 66.4921



73.5734, 72.5820, 104.7397



51.8723, 50.2587, 66.6448



11.3730, 11.5256, 14.8689



7.7037, 3.1517, 37.3948



0.4950, 0.2094, 2.0939

Previews

White Background



This preview shows how the XYZ color 55.6280, 61.1857, 53.1341 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 55.6280, 61.1857, 53.1341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

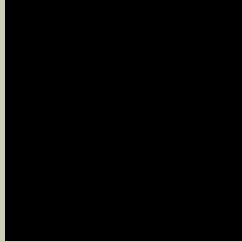
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

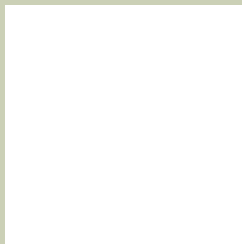
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6280, 61.1857, 53.1341

Background



This preview shows how black text looks on a background with the XYZ color 55.6280, 61.1857, 53.1341.



This preview shows how white text looks on a background with the XYZ color 55.6280, 61.1857,

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

55.6280, 61.1857, 53.1341

Protanopia

57.8554, 60.9281, 51.8910

Deuteranopia

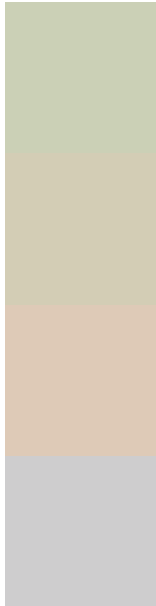
62.4501, 61.1725, 53.8634



Tritanopia

60.1545, 61.2362, 75.6671

Trichromacy



Original Color

55.6280, 61.1857, 53.1341

Protanomaly

57.0358, 60.8477, 52.4547

Deuteranomaly

59.7920, 61.1896, 53.4591

Tritanomaly

58.4255, 61.2407, 67.1338

Monochromacy



Original Color

55.6280, 61.1857, 53.1341

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.6970, 60.4855, 60.9112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6280, 61.1857, 53.1341 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(203, 208, 182)` looks like.

```
.text, #text, p{  
    color:rgb(203, 208, 182)  
}
```

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(203, 208, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 208, 182) }
```

Border

The CSS property to change the border of an element to XYZ 55.6280, 61.1857, 53.1341 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(203, 208, 182) }
```


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

```
.border{ border-color:rgb(203, 208, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 208, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 208, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 208, 182);  
box-shadow:4px 4px 4px 4px rgb(203, 208,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6280, 61.1857, 53.1341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 208, 182) }
```

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

```
.background{ background-color: rgb(203,  
208, 182) }
```

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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