

Converting Colors

XYZ(54.1578, 60.7920, 58.4183)

Have a look what the booklet for
XYZ(54.1578, 60.7920, 58.4183)
contains.

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Color

**XYZ(53.9427, 60.5690,
58.1381)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D1BF
RGB	192, 209, 191
RGB Percent	75%, 82%, 75%
CMY	0.2471, 0.1804, 0.2510
CMYK	0.08, 0.00, 0.09, 0.18
HSL	117°, 16%, 78%
HSV	117°, 9%, 82%
XYZ	53.9427, 60.5690, 58.1381
YIQ	201.8650, -4.3540, -9.2020

Conversions

Conversions Part 2

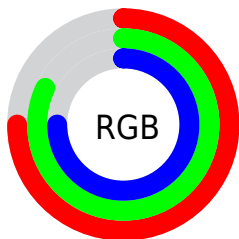
Format	Color
RYB	191, 209, 208
Decimal	12636607
CIELab	82.15, -9.08, 6.96
CIElCh	82, 11.440, 142.503
Yxy	60.5690, 0.3124, 0.3508
Android (android.graphics.Color)	4290826687 (0xFFC0D1BF)
YUV	201.8650, -5.3564, -8.6516
Hunter-Lab	77.8261, -12.4740, 10.1871

Details

The XYZ color **53.9427, 60.5690, 58.1381** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1542, 55.2766, 68.0345**, and the grayscale version is **56.0906, 59.0117, 64.2637**.

A 20% lighter version of the original color is **91.2599, 98.1919, 102.1387**, and **26.7900, 30.6809, 28.5548** is the 20% darker color. If you saturate the color by 10%, you get **47.1377, 57.3097, 46.6578**, and if you desaturate by 10%, it is **61.7498, 64.3104, 71.3812**.

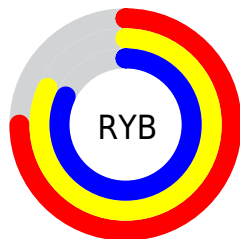
Distribution



Red (75%)

Green (82%)

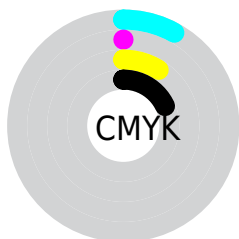
Blue (75%)



Red (75%)

Yellow (82%)

Blue (82%)

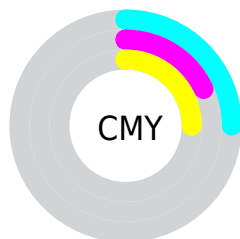


Cyan (8%)

Magenta (0%)

Yellow (9%)

Black (18%)



Cyan (25%)

Magenta (18%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9427, 60.5690, 58.1381 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 53.9427, 60.5690, 58.1381 by changing the saturation by 10% instead.

■ 53.9427, 60.5690,
58.1381

■ 53.9427, 60.5690,
58.1381

392.0934,
426.6919, 435.3129

■ 38.7863, 43.8774,
41.5042

■ 95.1475, 105.6546,
103.6407

■ 26.7735, 30.5742,
28.3906

121.9266,
134.8175, 133.3465

■ 17.5389, 20.2748,
18.3787

153.3108,
168.9062, 168.2468

■ 10.7171, 12.5950,
11.0500

189.6652,
208.3052, 208.7599

■ 5.9429, 7.1502,
5.9859

231.3553,
253.3989, 255.3046

■ 2.8507, 3.5562,
2.7678

278.7465,

■ 1.0753, 1.4286,

304.5717, 308.2993

0.9774

332.2041,
362.2079, 368.1626

■ 0.0043, 0.2376,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9427, 60.5690,
58.1381

■ 53.9427, 60.5690,
58.1381

■ 47.1377, 57.3097,
46.6578

■ 61.7498, 64.3104,
71.3812

■ 41.2893, 54.5055,
36.8622

■ 70.5918, 68.5442,
86.4527

■ 36.3562, 52.1386,
28.6734

■ 80.5066, 73.2902,
103.4200

■ 32.2921, 50.1868,
22.0055

■ 82.0916, 74.0833,
104.5805

■ 29.0465, 48.6262,
16.7648

■ 26.5637, 47.4305,
12.8474

■ 24.7814, 46.5698,
10.1350

■ 23.6269, 46.0099,
8.4887

■ 23.0040, 45.7058,
7.6929

Harmonies

Analogous

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



55.8000, 60.5690, 54.3483



53.9427, 60.5690, 58.1381



53.0618, 60.5690, 64.2195

Triad

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



53.9427, 60.5690, 58.1381



56.9618, 60.5690, 80.1187



61.9923, 60.5690, 60.9616

Complementary

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



53.9427, 60.5690, 58.1381



56.1542, 55.2766, 68.0345

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.



62.3245, 60.5690, 67.7099



53.9427, 60.5690, 58.1381



59.3750, 60.5690, 79.0938

Square

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



53.9427, 60.5690, 58.1381



54.7727, 60.5690, 77.1402



61.3543, 60.5690, 74.4307



60.4589, 60.5690, 55.8968

Rectangle

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



53.9427, 60.5690, 58.1381



53.1289, 60.5690, 68.8875



61.3543, 60.5690, 74.4307



62.2499, 60.5690, 63.0960

Sweetspot

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



53.9444, 60.5716, 58.1394



91.2342, 98.1724, 102.4197



58.2083, 62.3342, 58.2549



19.3149, 20.9109, 21.5608



0.0000, 0.0000, 0.0000



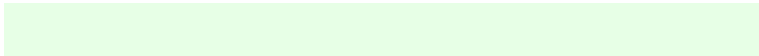
20.3446, 21.4041, 23.3091

Same Dimension

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



53.9444, 60.5716, 58.1394



82.9008, 94.1801, 88.3045



54.5738, 60.7942, 62.7711



11.7162, 13.2371, 12.5496



14.1751, 28.1765, 4.6915



0.8144, 1.5867, 0.2633

Inverse Universe

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



56.1542, 55.2766, 68.0345



86.9287, 84.5281, 106.3417



55.4936, 55.0449, 63.0838



12.2432, 11.9742, 14.9096



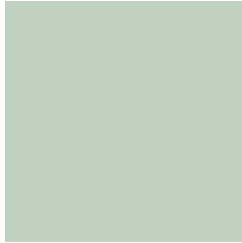
21.3846, 10.2045, 38.0351



1.2159, 0.5810, 2.1276

Previews

White Background



This preview shows how the XYZ color 53.9427, 60.5690, 58.1381 looks on a white background.

Color Contrast Check

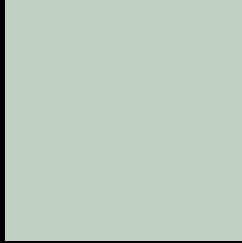
Large Text (above 18pt) WCAG AA × Fail

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 53.9427, 60.5690, 58.1381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

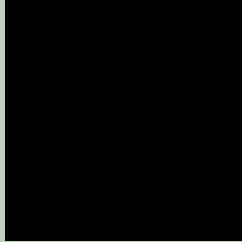
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

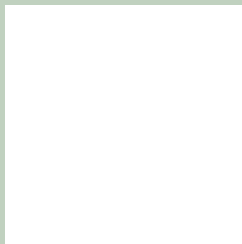
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9427, 60.5690, 58.1381

Background



This preview shows how black text looks on a background with the XYZ color 53.9427, 60.5690, 58.1381.



This preview shows how white text looks on a background with the XYZ color 53.9427, 60.5690,

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

53.9427, 60.5690, 58.1381

Protanopia

57.2970, 60.1916, 56.1752

Deuteranopia

61.5868, 60.2767, 58.8407



Tritanopia

57.9084, 60.7534, 77.0811

Trichromacy



Original Color

53.9427, 60.5690, 58.1381

Protanomaly

55.9185, 60.1741, 56.8117

Deuteranomaly

58.4254, 60.0261, 58.3760

Tritanomaly

56.2098, 60.3979, 69.6681

Monochromacy



Original Color

53.9427, 60.5690, 58.1381

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.3131, 59.7456, 62.0428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9427, 60.5690, 58.1381 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(192, 209, 191)` looks like.

```
.text, #text, p{  
    color:rgb(192, 209, 191)  
}
```

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(192, 209, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 209, 191) }
```

Border

The CSS property to change the border of an element to XYZ 53.9427, 60.5690, 58.1381 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(192, 209, 191) }
```


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

```
.border{ border-color:rgb(192, 209, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 209, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 209, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 209, 191);  
box-shadow:4px 4px 4px 4px rgb(192, 209,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9427, 60.5690, 58.1381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 209, 191) }
```

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

```
.background{ background-color: rgb(192,  
209, 191) }
```

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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