

Converting Colors

XYZ(53.8739, 56.6813, 58.5450)

Have a look what the booklet for
XYZ(53.8739, 56.6813, 58.5450)
contains.

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Color

**XYZ(53.9071, 56.6559,
58.5466)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C6C1
RGB	201, 198, 193
RGB Percent	79%, 78%, 76%
CMY	0.2118, 0.2235, 0.2431
CMYK	0.00, 0.01, 0.04, 0.21
HSL	38°, 7%, 77%
HSV	38°, 4%, 79%
XYZ	53.9071, 56.6559, 58.5466
YIQ	198.3270, 3.3930, -0.9190

Conversions

Conversions Part 2

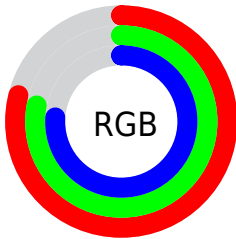
Format	Color
RYB	198, 201, 193
Decimal	13223617
CIELab	79.99, 0.15, 2.86
CIELCh	80, 2.863, 87.059
Yxy	56.6559, 0.3188, 0.3350
Android (android.graphics.Color)	4291413697 (0xFFC9C6C1)
YUV	198.3270, -2.6262, 2.3442
Hunter-Lab	75.2701, -3.8842, 6.5721

Details

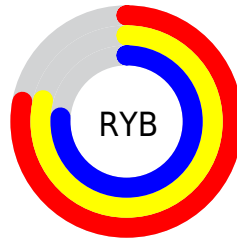
The XYZ color **53.9071, 56.6559, 58.5466** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2749, 55.0336, 63.1264**, and the grayscale version is **53.8908, 56.6973, 61.7433**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **26.7395, 28.0430, 28.8145** is the 20% darker color. If you saturate the color by 10%, you get **50.1378, 52.4645, 46.9693**, and if you desaturate by 10%, it is **58.0700, 61.1452, 71.7600**.

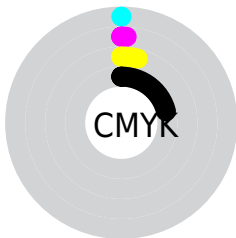
Distribution



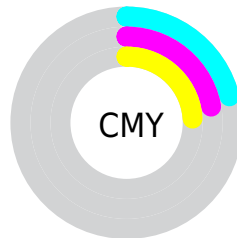
- Red (79%)
- Green (78%)
- Blue (76%)



- Red (78%)
- Yellow (79%)
- Blue (76%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (21%)



- Cyan (21%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9071, 56.6559, 58.5466 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 53.9071, 56.6559, 58.5466 by changing the saturation by 10% instead.

■ 53.9071, 56.6559,
58.5466

■ 53.9071, 56.6559,
58.5466

391.9598,
412.1587, 436.8746

■ 38.7578, 40.7290,
41.8306

■ 95.0955, 99.9629,
104.2410

■ 26.7512, 28.1074,
28.6441

121.8653,
128.1119, 134.0566

■ 17.5221, 18.4067,
18.5685

153.2393,
161.1037, 169.0758

■ 10.7050, 11.2423,
11.1853

189.5829,
199.3227, 209.7171

■ 5.9347, 6.2301,
6.0759

231.2614,
243.1533, 256.3991

■ 2.8457, 2.9855,
2.8217

278.6401,

■ 1.0727, 1.1242,

292.9799, 309.5403

1.0043

332.0845,
349.1869, 369.5593

■ 0.0021, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9071, 56.6559,
58.5466

■ 53.9071, 56.6559,
58.5466

■ 50.1378, 52.4645,
46.9693

■ 58.0700, 61.1452,
71.7600

■ 46.7437, 48.5564,
36.9597

■ 62.6344, 65.9321,
86.6670

■ 43.7124, 44.9262,
28.4499

■ 67.6139, 71.0257,
103.3265

■ 41.0283, 41.5658,
21.3659

■ 69.9139, 75.1901,
105.4360

■ 38.6751, 38.4664,
15.6268

■ 72.0318, 79.4260,
106.1420

■ 36.6345, 35.6187,
11.1439

■ 74.2411, 83.8445,
106.8784

■ 34.8863, 33.0123,
7.8178

■ 76.5428, 88.4479,
107.6457

■ 33.4075, 30.6358,
5.5334

■ 77.8977, 91.1577,
108.0973

■ 32.1703, 28.4756,
4.1518

Harmonies

Analogous

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



54.4598, 56.6559, 59.0409



53.9071, 56.6559, 58.5466



53.3429, 56.6559, 58.8816

Triad

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



53.9071, 56.6559, 58.5466



52.8605, 56.6559, 63.1564



54.7932, 56.6559, 63.4458

Complementary

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



53.9071, 56.6559, 58.5466



52.2749, 55.0336, 63.1264

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.



54.3598, 56.6559, 64.5835



53.9071, 56.6559, 58.5466



53.2442, 56.6559, 64.4144

Square

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



53.9071, 56.6559, 58.5466



52.7411, 56.6559, 61.5246



53.7924, 56.6559, 64.9411



54.9737, 56.6559, 61.8530

Rectangle

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



53.9071, 56.6559, 58.5466



53.0356, 56.6559, 59.5335



53.7924, 56.6559, 64.9411



54.6721, 56.6559, 63.8952

Sweetspot

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



53.9087, 56.6584, 58.5478



94.3382, 99.2290, 106.6507



53.1295, 54.5469, 59.9935



20.1998, 21.2472, 22.8514



0.0000, 0.0000, 0.0000



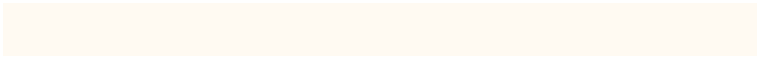
20.3446, 21.4041, 23.3091

Same Dimension

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



53.9087, 56.6584, 58.5478



91.5600, 96.1966, 97.9435



54.3502, 57.9128, 58.7667



11.4867, 12.0661, 12.1920



19.9038, 17.3247, 2.2950



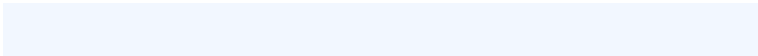
1.0104, 0.9561, 0.1313

Inverse Universe

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



52.2749, 55.0336, 63.1264



88.0224, 92.6787, 107.8572



51.8444, 53.8184, 62.9145



10.9941, 11.5763, 13.5725



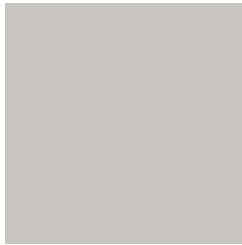
8.3044, 6.0026, 35.4653



0.4626, 0.4230, 1.7024

Previews

White Background



This preview shows how the XYZ color 53.9071, 56.6559, 58.5466 looks on a white background.

Color Contrast Check

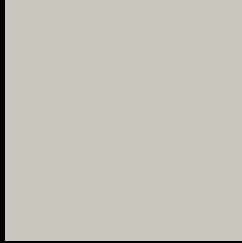
Large Text (above 18pt) WCAG AA × Fail

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 53.9071, 56.6559, 58.5466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

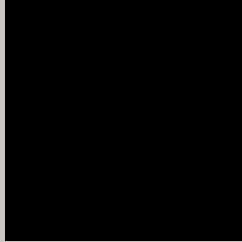
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

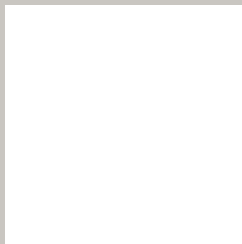
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9071, 56.6559, 58.5466

Background



This preview shows how black text looks on a background with the XYZ color 53.9071, 56.6559, 58.5466.

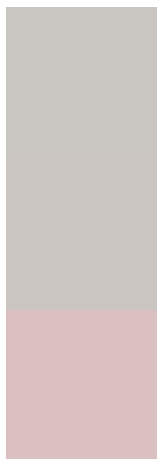


This preview shows how white text looks on a background with the XYZ color 53.9071, 56.6559,

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

53.9071, 56.6559, 58.5466

Protanopia

54.2205, 56.4793, 58.4959

Deuteranopia

57.8007, 56.6544, 58.9279



Tritanopia

56.1748, 56.5707, 69.5865

Trichromacy



Original Color

53.9071, 56.6559, 58.5466

Protanomaly

53.9490, 56.3393, 58.4832

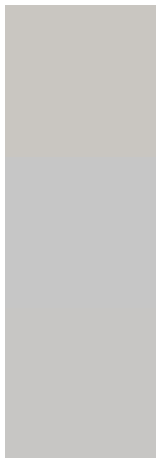
Deuteranomaly

56.1808, 56.4757, 58.9788

Tritanomaly

55.2676, 56.5360, 65.1264

Monochromacy



Original Color

53.9071, 56.6559, 58.5466

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.7111, 56.5158, 60.3023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9071, 56.6559, 58.5466 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(201, 198, 193) looks like.

```
.text, #text, p{  
    color:rgb(201, 198, 193)  
}
```

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(201, 198, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 198, 193) }
```

Border

The CSS property to change the border of an element to XYZ 53.9071, 56.6559, 58.5466 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(201, 198, 193) }
```


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

```
.border{ border-color:rgb(201, 198, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 198, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 198, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 198, 193); box-shadow:4px 4px 4px 4px rgb(201, 198, 193) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9071, 56.6559, 58.5466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 198, 193) }
```

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

```
.background{ background-color: rgb(201,  
198, 193) }
```

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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