

Converting Colors

XYZ(53.8618, 54.7949, 60.0291)

Have a look what the booklet for
XYZ(53.8618, 54.7949, 60.0291)
contains.

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Color

**XYZ(53.9356, 54.9628,
59.9907)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC1C4
RGB	204, 193, 196
RGB Percent	80%, 76%, 77%
CMY	0.2000, 0.2431, 0.2314
CMYK	0.00, 0.05, 0.04, 0.20
HSL	344°, 10%, 78%
HSV	344°, 5%, 80%
XYZ	53.9356, 54.9628, 59.9907
YIQ	196.6310, 5.5930, 3.2650

Conversions

Conversions Part 2

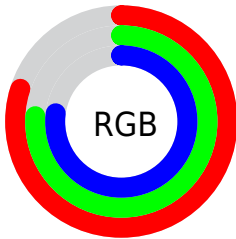
Format	Color
R_{YB}	204, 193, 196
Decimal	13418948
CIE _{Lab}	79.02, 4.38, -0.13
CIE _{LCh}	79, 4.385, 358.266
Yxy	54.9628, 0.3194, 0.3254
Android (android.graphics.Color)	4291609028 (0xFFCCC1C4)
YUV	196.6310, -0.3111, 6.4626
Hunter-Lab	74.1369, 0.1216, 3.9191

Details

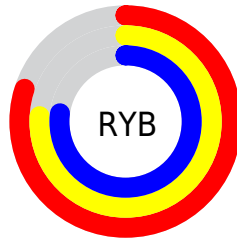
The XYZ color **53.9356, 54.9628, 59.9907** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1299, 58.7417, 63.7466**, and the grayscale version is **52.8492, 55.6015, 60.5500**.

A 20% lighter version of the original color is **92.8453, 96.1032, 106.5848**, and **26.8382, 27.1932, 29.4255** is the 20% darker color. If you saturate the color by 10%, you get **48.1270, 45.9161, 50.1284**, and if you desaturate by 10%, it is **60.5365, 65.3253, 70.9429**.

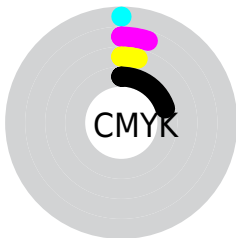
Distribution



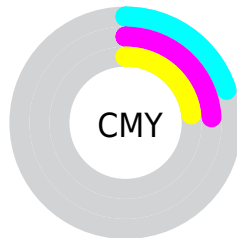
- Red (80%)
- Green (76%)
- Blue (77%)



- Red (80%)
- Yellow (76%)
- Blue (77%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (20%)



- Cyan (20%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9356, 54.9628, 59.9907 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 53.9356, 54.9628, 59.9907 by changing the saturation by 10% instead.

■ 53.9356, 54.9628,
59.9907

■ 53.9356, 54.9628,
59.9907

392.0667,
405.7709, 442.3672

■ 38.7806, 39.3719,
42.9859

■ 95.1371, 97.4864,
106.3594

■ 26.7691, 27.0492,
29.5427

121.9144,
125.1880, 136.5604

■ 17.5356, 17.6102,
19.2427

153.2965,
157.6953, 171.9972

■ 10.7147, 10.6705,
11.6672

189.6488,
195.3927, 213.0883

■ 5.9412, 5.8457,
6.3977

231.3366,
238.6645, 260.2524

■ 2.8497, 2.7515,
3.0157

278.7253,

■ 1.0748, 1.0034,

287.8952, 313.9078

1.1027

332.1802,
343.4692, 374.4732

■ 0.0039, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9356, 54.9628,
59.9907

■ 53.9356, 54.9628,
59.9907

■ 48.1270, 45.9161,
50.1284

■ 60.5365, 65.3253,
70.9429

■ 43.0759, 38.1254,
41.3186

■ 67.9536, 77.0459,
83.0139

■ 38.7518, 31.5370,
33.5269

■ 76.2154, 90.1740,
96.2357

■ 35.1202, 26.0906,
26.7155

■ 78.7122, 91.5775,
108.1354

■ 32.1438, 21.7205,
20.8443

■ 29.7818, 18.3544,
15.8705

■ 27.9882, 15.9109,
11.7472

■ 26.7107, 14.2959,
8.4232

■ 25.8856, 13.3942,
5.8407

Harmonies

Analogous

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



53.6805, 54.9628, 62.4084



53.9356, 54.9628, 59.9907



53.7323, 54.9628, 57.5983

Triad

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



53.9356, 54.9628, 59.9907



51.4499, 54.9628, 55.7118



51.3629, 54.9628, 64.0258

Complementary

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



53.9356, 54.9628, 59.9907



54.1299, 58.7417, 63.7466

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.



50.7766, 54.9628, 62.1497



53.9356, 54.9628, 59.9907



50.8264, 54.9628, 57.3531

Square

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



53.9356, 54.9628, 59.9907



52.2913, 54.9628, 55.1694



50.5813, 54.9628, 59.6998



52.1897, 54.9628, 64.7779

Rectangle

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



53.9356, 54.9628, 59.9907



53.3654, 54.9628, 56.3304



50.5813, 54.9628, 59.6998



51.1315, 54.9628, 63.5031

Sweetspot

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



53.9372, 54.9652, 59.9919



92.8528, 96.5524, 105.2490



54.0269, 54.9034, 64.8774



19.8974, 20.7023, 22.5660



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.



53.9372, 54.9652, 59.9919



88.6211, 89.9274, 98.1708



54.1304, 55.8920, 58.3902



11.7077, 11.8434, 12.9308



16.1504, 8.2707, 3.2447



0.8657, 0.4397, 0.3386

Inverse Universe

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



53.9372, 54.9652, 59.9919



88.6211, 89.9274, 98.1708



53.9239, 57.7601, 65.4342



11.7077, 11.8434, 12.9308



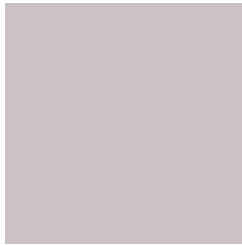
16.1504, 8.2707, 3.2447



0.8657, 0.4397, 0.3386

Previews

White Background



This preview shows how the XYZ color 53.9356, 54.9628, 59.9907 looks on a white background.

Color Contrast Check

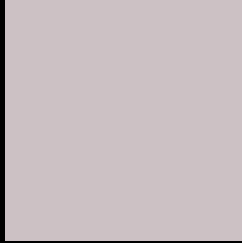
Large Text (above 18pt) WCAG AA × Fail

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 53.9356, 54.9628, 59.9907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

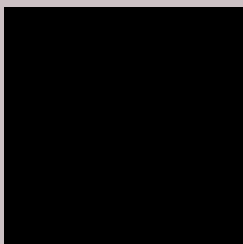
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

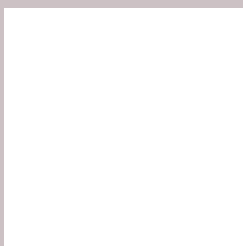
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9356, 54.9628, 59.9907

Background



This preview shows how black text looks on a background with the XYZ color 53.9356, 54.9628, 59.9907.

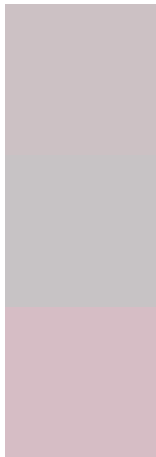


This preview shows how white text looks on a background with the XYZ color 53.9356, 54.9628,

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

53.9356, 54.9628, 59.9907

Protanopia

53.1463, 55.2035, 60.6776

Deuteranopia

56.0072, 54.7226, 60.4339



Tritanopia

55.2250, 54.8396, 66.0670

Trichromacy



Original Color

53.9356, 54.9628, 59.9907

Protanomaly

53.4572, 55.0323, 60.6281

Deuteranomaly

55.0698, 54.5598, 60.4519

Tritanomaly

54.6871, 54.9427, 63.5998

Monochromacy



Original Color

53.9356, 54.9628, 59.9907

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.6374, 55.7904, 60.7650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9356, 54.9628, 59.9907 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, 193, 196) looks like.

```
.text, #text, p{  
    color:rgb(204, 193, 196)  
}
```

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, 193, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 193, 196) }
```

Border

The CSS property to change the border of an element to XYZ 53.9356, 54.9628, 59.9907 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, 193, 196) }
```


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

```
.border{ border-color:rgb(204, 193, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 193, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 193, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 193, 196);  
box-shadow:4px 4px 4px 4px rgb(204, 193,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9356, 54.9628, 59.9907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 193, 196) }
```

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

```
.background{ background-color: rgb(204,  
193, 196) }
```

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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