

Converting Colors

XYZ(55.3962, 51.1173, 58.8930)

Have a look what the booklet for
XYZ(55.3962, 51.1173, 58.8930)
contains.

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Color

**XYZ(55.3994, 51.0420,
59.1568)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB2C4
RGB	220, 178, 196
RGB Percent	86%, 70%, 77%
CMY	0.1373, 0.3019, 0.2314
CMYK	0.00, 0.19, 0.11, 0.14
HSL	334°, 37%, 78%
HSV	334°, 19%, 86%
XYZ	55.3994, 51.0420, 59.1568
YIQ	192.6100, 19.2540, 14.5020

Conversions

Conversions Part 2

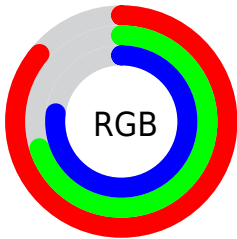
Format	Color
R_{YB}	220, 178, 196
Decimal	14463684
CIE Lab	76.70, 18.07, -3.36
CIE LCh	77, 18.384, 349.464
Yxy	51.0420, 0.3345, 0.3082
Android (android.graphics.Color)	4292653764 (0xFFDCB2C4)
YUV	192.6100, 1.6713, 24.0210
Hunter-Lab	71.4437, 13.3874, 0.9173

Details

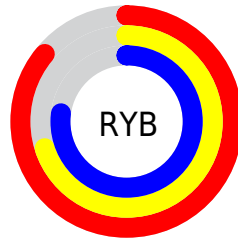
The XYZ color **55.3994, 51.0420, 59.1568** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.6160, 64.9169, 65.5319**, and the grayscale version is **50.4436, 53.0705, 57.7938**.

A 20% lighter version of the original color is **88.3924, 87.1975, 105.1005**, and **27.7332, 24.6196, 28.8815** is the 20% darker color. If you saturate the color by 10%, you get **49.9967, 42.4313, 50.5889**, and if you desaturate by 10%, it is **61.6269, 61.1092, 68.5925**.

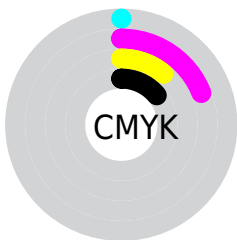
Distribution



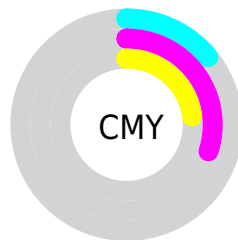
- Red (86%)
- Green (70%)
- Blue (77%)



- Red (86%)
- Yellow (70%)
- Blue (77%)



- Cyan (0%)
- Magenta (19%)
- Yellow (11%)
- Black (14%)



- Cyan (14%)
- Magenta (30%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3994, 51.0420, 59.1568 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 55.3994, 51.0420, 59.1568 by changing the saturation by 10% instead.

■ 55.3994, 51.0420,
59.1568

■ 55.3994, 51.0420,
59.1568

397.5360,
390.7269, 439.2008

■ 39.9567, 36.2420,
42.3185

■ 97.2708, 91.7169,
105.1369

■ 27.6888, 24.6212,
29.0233

124.4302,
118.3605, 135.1158

■ 18.2305, 15.7950,
18.8528

156.2259,
149.7209, 170.3119

■ 11.2163, 9.3792,
11.3882

193.0232,
186.1824, 211.1439

■ 6.2809, 4.9894,
6.2111

235.1875,
228.1293, 258.0302

■ 3.0589, 2.2410,
2.9030

283.0842,

■ 1.1850, 0.7422,

275.9461, 311.3895

1.0453

337.0786,
330.0172, 371.6401

■ 0.0945, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3994, 51.0420,
59.1568

■ 55.3994, 51.0420,
59.1568

■ 49.9967, 42.4313,
50.5889

■ 61.6269, 61.1092,
68.5925

■ 45.3782, 35.2022,
42.8591

■ 68.7089, 72.6895,
78.9181

■ 41.5062, 29.2836,
35.9405

■ 76.6788, 85.8449,
90.1588

■ 38.3379, 24.5953,
29.8030

■ 81.9548, 93.4075,
101.1337

■ 35.8261, 21.0479,
24.4148

■ 83.3254, 93.9558,
108.3513

■ 33.9172, 18.5400,
19.7407

■ 32.5486, 16.9518,
15.7419

■ 31.6219, 16.0932,
12.3665

■ 31.5482, 16.0289,
12.0855

Harmonies

Analogous

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



53.7830, 51.0420, 68.9946



55.3994, 51.0420, 59.1568



55.1052, 51.0420, 49.4276

Triad

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



55.3994, 51.0420, 59.1568



46.3166, 51.0420, 39.3848



44.2908, 51.0420, 71.4620

Complementary

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



55.3994, 51.0420, 59.1568



54.6160, 64.9169, 65.5319

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.



42.4704, 51.0420, 62.2144



55.3994, 51.0420, 59.1568



43.6007, 51.0420, 44.0209

Square

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



55.3994, 51.0420, 59.1568



49.7486, 51.0420, 38.7738



42.2239, 51.0420, 52.1428



47.2998, 51.0420, 76.6424

Rectangle

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



55.3994, 51.0420, 59.1568



53.8692, 51.0420, 44.2564



42.2239, 51.0420, 52.1428



43.5258, 51.0420, 68.6779

Sweetspot

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



55.4009, 51.0443, 59.1579



88.9858, 90.0733, 100.0910



53.1436, 49.5393, 74.4718



18.9111, 19.0583, 21.2243



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.



55.4009, 51.0443, 59.1579



74.1745, 66.1442, 77.6019



54.0361, 51.3989, 49.1953



13.2865, 13.1437, 14.7699



18.5685, 9.4284, 7.3738



1.2456, 0.6279, 0.7020

Inverse Universe

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



55.4009, 51.0443, 59.1579



74.1745, 66.1442, 77.6019



56.1444, 64.3624, 77.1748



13.2865, 13.1437, 14.7699



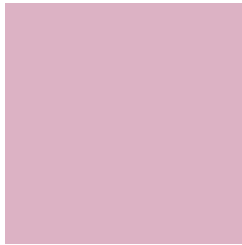
18.5685, 9.4284, 7.3738



1.2456, 0.6279, 0.7020

Previews

White Background



This preview shows how the XYZ color 55.3994, 51.0420, 59.1568 looks on a white background.

Color Contrast Check

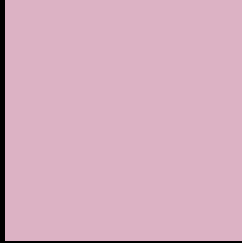
Large Text (above 18pt) WCAG AA × Fail

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 55.3994, 51.0420, 59.1568 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 55.3994, 51.0420, 59.1568

Background



This preview shows how black text looks on a background with the XYZ color 55.3994, 51.0420, 59.1568.



This preview shows how white text looks on a background with the XYZ color 55.3994, 51.0420,

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

55.3994, 51.0420, 59.1568

Protanopia

49.6302, 51.0495, 63.1149

Deuteranopia

52.1677, 51.2002, 58.7629



Tritanopia

55.1497, 51.2616, 56.8569

Trichromacy



Original Color

55.3994, 51.0420, 59.1568

Protanomaly

51.3852, 50.7305, 61.7272

Deuteranomaly

53.1566, 51.0977, 58.6909

Tritanomaly

55.2609, 51.3061, 57.4426

Monochromacy



Original Color

55.3994, 51.0420, 59.1568

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.3494, 52.5580, 58.4245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3994, 51.0420, 59.1568 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(220, 178, 196)` looks like.

```
.text, #text, p{  
    color:rgb(220, 178, 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(220, 178, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 178, 196) }
```

Border

The CSS property to change the border of an element to XYZ 55.3994, 51.0420, 59.1568 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(220, 178, 196) }
```


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

```
.border{ border-color:rgb(220, 178, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 178, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 178, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 178, 196);  
box-shadow:4px 4px 4px 4px rgb(220, 178,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3994, 51.0420, 59.1568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 178, 196) }
```

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

```
.background{ background-color: rgb(220,  
178, 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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