

Converting Colors

XYZ(55.5578, 53.6001, 64.4819)

Have a look what the booklet for
XYZ(55.5578, 53.6001, 64.4819)
contains.

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Color

**XYZ(55.6094, 53.4745,
64.5174)**

Conversions

Conversions Part 1

Format	Color
Hex	D4BACC
RGB	212, 186, 204
RGB Percent	83%, 73%, 80%
CMY	0.1686, 0.2706, 0.2000
CMYK	0.00, 0.12, 0.04, 0.17
HSL	318°, 23%, 78%
HSV	318°, 12%, 83%
XYZ	55.6094, 53.4745, 64.5174
YIQ	195.8260, 9.7180, 11.1100

Conversions

Conversions Part 2

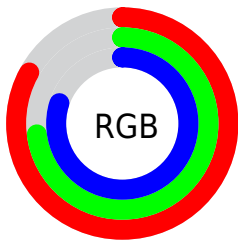
Format	Color
RYB	212, 186, 204
Decimal	13941452
CIELab	78.15, 12.35, -5.65
CIELCh	78, 13.583, 335.422
Yxy	53.4745, 0.3203, 0.3080
Android (android.graphics.Color)	4292131532 (0xFFD4BACC)
YUV	195.8260, 4.0298, 14.1846
Hunter-Lab	73.1263, 7.7707, -1.1216

Details

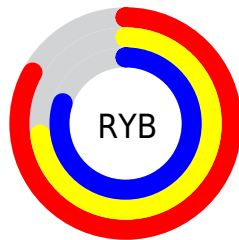
The XYZ color **55.6094, 53.4745, 64.5174** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5329, 61.4226, 60.0762**, and the grayscale version is **52.3389, 55.0646, 59.9654**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **27.7972, 26.1452, 32.4356** is the 20% darker color. If you saturate the color by 10%, you get **50.7045, 44.8903, 59.1026**, and if you desaturate by 10%, it is **61.2128, 63.4017, 70.3280**.

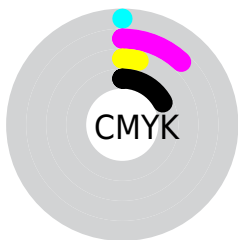
Distribution



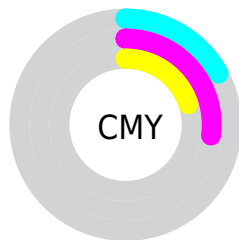
- Red (83%)
- Green (73%)
- Blue (80%)



- Red (83%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (17%)



- Cyan (17%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6094, 53.4745, 64.5174 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 55.6094, 53.4745, 64.5174 by changing the saturation by 10% instead.

■ 55.6094, 53.4745,
64.5174

■ 55.6094, 53.4745,
64.5174

398.3168,
400.1029, 459.3143

■ 40.1256, 38.1817,
46.6210

■ 97.5764, 95.3022,
112.9624

■ 27.8211, 26.1237,
32.3839

124.7903,
122.6059, 144.3480

■ 18.3306, 16.9162,
21.3877

156.6449,
154.6821, 181.0672

■ 11.2888, 10.1748,
13.2137

193.5057,
191.9150, 223.5384

■ 6.3301, 5.5150,
7.4434

235.7379,
234.6892, 272.1801

■ 3.0894, 2.5525,
3.6583

283.7069,

■ 1.2012, 0.9028,

283.3890, 327.4110

1.4398

337.7781,
338.3988, 389.6496

■ 0.1073, 0.0000,
0.1725

■ 0.0000, 0.0000,
0.0000

■ 55.6094, 53.4745,
64.5174

■ 55.6094, 53.4745,
64.5174

■ 50.7045, 44.8903,
59.1026

■ 61.2128, 63.4017,
70.3280

■ 46.4640, 37.5837,
54.0685

■ 67.5376, 74.7196,
76.5421

■ 42.8578, 31.4946,
49.4036

■ 74.6117, 87.4822,
83.1715

■ 39.8516, 26.5549,
45.0945

■ 77.2084, 91.2359,
88.4759

37.4078, 22.6900,
41.1265

78.1426, 91.6096,
93.3953

35.4841, 19.8165,
37.4835

79.1115, 91.9971,
98.4974

34.0325, 17.8384,
34.1473

80.1154, 92.3987,
103.7838

32.9949, 16.6406,
31.0963

80.9618, 92.7373,
108.2407

32.3994, 16.0963,
28.9043

Harmonies

Analogous

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



53.8415, 53.4745, 70.9650



55.6094, 53.4745, 64.5174



56.0774, 53.4745, 56.8544

Triad

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



55.6094, 53.4745, 64.5174



50.3452, 53.4745, 44.8533



46.7797, 53.4745, 67.1130

Complementary

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



55.6094, 53.4745, 64.5174



53.5329, 61.4226, 60.0762

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.



45.9130, 53.4745, 59.6167



55.6094, 53.4745, 64.5174



47.9251, 53.4745, 47.1084

Square

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



55.6094, 53.4745, 64.5174



52.9781, 53.4745, 45.9194



46.3249, 53.4745, 52.3550



48.7328, 53.4745, 72.5525

Rectangle

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



55.6094, 53.4745, 64.5174



55.5756, 53.4745, 52.1732



46.3249, 53.4745, 52.3550



46.3548, 53.4745, 64.7268

Sweetspot

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



55.6109, 53.4768, 64.5185



91.3806, 93.4633, 105.2040



51.6416, 51.3168, 69.4716



19.4158, 19.7501, 22.3716



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.



55.6109, 53.4768, 64.5185



82.2007, 77.2418, 95.5521



54.1382, 52.8877, 56.7631



12.7827, 12.5646, 14.7961



20.0482, 9.9556, 18.0895



1.2455, 0.6150, 1.2820

Inverse Universe

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



55.6109, 53.4768, 64.5185



82.2007, 77.2418, 95.5521



55.0330, 62.0227, 67.9757



12.7827, 12.5646, 14.7961



20.0482, 9.9556, 18.0895



1.2455, 0.6150, 1.2820

Previews

White Background



This preview shows how the XYZ color 55.6094, 53.4745, 64.5174 looks on a white background.

Color Contrast Check

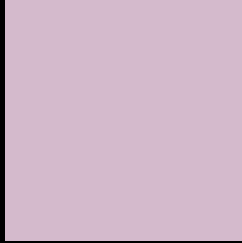
Large Text (above 18pt) WCAG AA × Fail

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 55.6094, 53.4745, 64.5174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

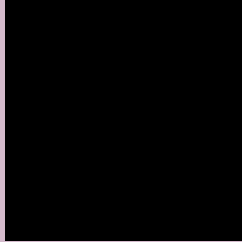
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6094, 53.4745, 64.5174

Background



This preview shows how black text looks on a background with the XYZ color 55.6094, 53.4745, 64.5174.



This preview shows how white text looks on a background with the XYZ color 55.6094, 53.4745,

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

55.6094, 53.4745, 64.5174

Protanopia

52.2271, 53.5908, 67.2659

Deuteranopia

54.6144, 53.5915, 64.5924



Tritanopia

55.2529, 53.3319, 62.6403

Trichromacy



Original Color

55.6094, 53.4745, 64.5174

Protanomaly

53.4954, 53.6113, 66.5600

Deuteranomaly

54.9639, 53.4556, 64.5478

Tritanomaly

55.3710, 53.3791, 63.2620

Monochromacy



Original Color

55.6094, 53.4745, 64.5174

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.5156, 54.3794, 61.7085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6094, 53.4745, 64.5174 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(212, 186, 204)` looks like.

```
.text, #text, p{  
    color:rgb(212, 186, 204)  
}
```

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(212, 186, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 186, 204) }
```

Border

The CSS property to change the border of an element to XYZ 55.6094, 53.4745, 64.5174 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(212, 186, 204) }
```


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

```
.border{ border-color:rgb(212, 186, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 186, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 186, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 186, 204);  
box-shadow:4px 4px 4px 4px rgb(212, 186,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6094, 53.4745, 64.5174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 186, 204) }
```

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

```
.background{ background-color: rgb(212,  
186, 204) }
```

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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