

Converting Colors

XYZ(55.5319, 54.3653, 65.8518)

Have a look what the booklet for
XYZ(55.5319, 54.3653, 65.8518)
contains.

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Color

**XYZ(55.6327, 54.4067,
65.9619)**

Conversions

Conversions Part 1

Format	Color
Hex	D1BDCE
RGB	209, 189, 206
RGB Percent	82%, 74%, 81%
CMY	0.1804, 0.2588, 0.1922
CMYK	0.00, 0.10, 0.01, 0.18
HSL	309°, 18%, 78%
HSV	309°, 10%, 82%
XYZ	55.6327, 54.4067, 65.9619
YIQ	196.9180, 6.4630, 9.5270

Conversions

Conversions Part 2

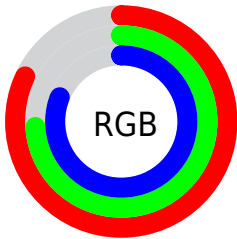
Format	Color
R _Y B	209, 189, 206
Decimal	13745614
CIE Lab	78.70, 10.07, -5.96
CIE LCh	79, 11.696, 329.387
Yxy	54.4067, 0.3161, 0.3091
Android (android.graphics.Color)	4291935694 (0xFFD1BDCE)
YUV	196.9180, 4.4774, 10.5959
Hunter-Lab	73.7609, 5.5485, -1.3884

Details

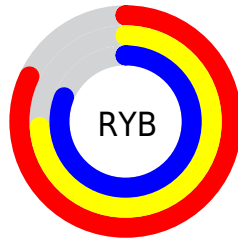
The XYZ color **55.6327, 54.4067, 65.9619** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3033, 60.2271, 58.6877**, and the grayscale version is **52.9939, 55.7537, 60.7158**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **27.9892, 26.8439, 33.4120** is the 20% darker color. If you saturate the color by 10%, you get **51.0803, 45.9048, 62.5842**, and if you desaturate by 10%, it is **60.8437, 64.2120, 69.5980**.

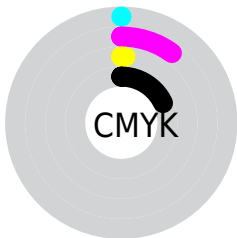
Distribution



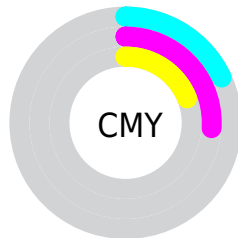
- Red (82%)
- Green (74%)
- Blue (81%)



- Red (82%)
- Yellow (74%)
- Blue (81%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (18%)



- Cyan (18%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6327, 54.4067, 65.9619 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 55.6327, 54.4067, 65.9619 by changing the saturation by 10% instead.

■ 55.6327, 54.4067,
65.9619

■ 55.6327, 54.4067,
65.9619

398.4033,
403.6590, 464.6411

■ 40.1444, 38.9269,
47.7852

■ 97.6103, 96.6711,
115.0581

■ 27.8358, 26.7029,
33.2980

124.8302,
124.2246, 146.8147

■ 18.3418, 17.3502,
22.0819

156.6914,
156.5713, 183.9350

■ 11.2968, 10.4845,
13.7182

193.5592,
194.0958, 226.8376

■ 6.3356, 5.7214,
7.7884

235.7989,
237.1824, 275.9409

■ 3.0928, 2.6764,
3.8740

283.7759,

■ 1.2030, 0.9652,

286.2156, 331.6636

1.5565

337.8556,
341.5796, 394.4242

■ 0.1088, 0.0000,
0.2595

■ 0.0000, 0.0000,
0.0000

■ 55.6327, 54.4067,
65.9619

■ 55.6327, 54.4067,
65.9619

■ 51.0803, 45.9048,
62.5842

■ 60.8437, 64.2120,
69.5980

■ 47.1542, 38.6441,
59.4518

■ 66.7344, 75.3655,
73.4977

■ 43.8263, 32.5678,
56.5559

■ 73.3312, 87.9187,
77.6707

■ 41.0646, 27.6119,
53.8856

■ 74.7812, 90.1660,
80.1663

38.8340, 23.7065,
51.4290

75.1969, 90.3323,
82.3554

37.0957, 20.7736,
49.1729

75.6205, 90.5017,
84.5857

35.8051, 18.7246,
47.1022

76.0519, 90.6743,
86.8574

34.9098, 17.4546,
45.1993

76.4911, 90.8500,
89.1707

34.3184, 16.7806,
43.4334

76.9384, 91.0289,
91.5257

Harmonies

Analogous

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



53.9240, 54.4067, 71.0389



55.6327, 54.4067, 65.9619



56.2854, 54.4067, 59.3759

Triad

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



55.6327, 54.4067, 65.9619



51.7595, 54.4067, 47.3998



47.9346, 54.4067, 65.7089

Complementary

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



55.6327, 54.4067, 65.9619



53.3033, 60.2271, 58.6877

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.



47.3931, 54.4067, 59.1036



55.6327, 54.4067, 65.9619



49.5612, 54.4067, 48.8251

Square

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



55.6327, 54.4067, 65.9619



54.0088, 54.4067, 48.9449



47.9799, 54.4067, 52.9904



49.4812, 54.4067, 70.8854

Rectangle

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



55.6327, 54.4067, 65.9619



56.0194, 54.4067, 55.1134



47.9799, 54.4067, 52.9904



47.6311, 54.4067, 63.5669

Sweetspot

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



55.6343, 54.4091, 65.9631



92.4736, 95.1421, 107.1323



51.4467, 52.2078, 67.6882



19.6493, 20.0934, 22.8310



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.



55.6343, 54.4091, 65.9631



86.0751, 83.1227, 102.6021



54.4578, 53.9385, 59.7676



12.2314, 11.9773, 14.4942



21.1740, 10.3424, 26.8862



1.2051, 0.5868, 1.6149

Inverse Universe

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



55.6343, 54.4091, 65.9631



86.0751, 83.1227, 102.6021



54.4493, 60.6855, 64.7225



12.2314, 11.9773, 14.4942



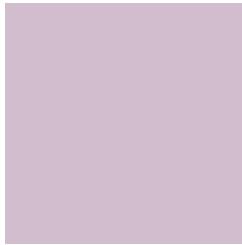
21.1740, 10.3424, 26.8862



1.2051, 0.5868, 1.6149

Previews

White Background



This preview shows how the XYZ color 55.6327, 54.4067, 65.9619 looks on a white background.

Color Contrast Check

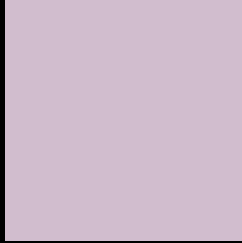
Large Text (above 18pt) WCAG AA × Fail

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 55.6327, 54.4067, 65.9619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

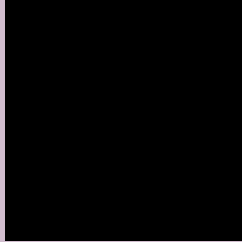
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6327, 54.4067, 65.9619

Background



This preview shows how black text looks on a background with the XYZ color 55.6327, 54.4067, 65.9619.



This preview shows how white text looks on a background with the XYZ color 55.6327, 54.4067,

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

55.6327, 54.4067, 65.9619

Protanopia

53.0485, 54.6564, 68.0754

Deuteranopia

55.6327, 54.4067, 65.9619



Tritanopia

55.3912, 54.3101, 64.6902

Trichromacy



Original Color

55.6327, 54.4067, 65.9619

Protanomaly

53.7880, 54.3955, 67.3389

Deuteranomaly

55.6327, 54.4067, 65.9619

Tritanomaly

55.5115, 54.3583, 65.3240

Monochromacy



Original Color

55.6327, 54.4067, 65.9619

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.8045, 55.1712, 62.4569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6327, 54.4067, 65.9619 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(209, 189, 206)` looks like.

```
.text, #text, p{  
    color:rgb(209, 189, 206)  
}
```

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(209, 189, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 189, 206) }
```

Border

The CSS property to change the border of an element to XYZ 55.6327, 54.4067, 65.9619 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(209, 189, 206) }
```


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

```
.border{ border-color:rgb(209, 189, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 189, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 189, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 189, 206);  
box-shadow:4px 4px 4px 4px rgb(209, 189,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6327, 54.4067, 65.9619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 189, 206) }
```

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

```
.background{ background-color: rgb(209,  
189, 206) }
```

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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