

Converting Colors

XYZ(55.9581, 56.2747, 65.6240)

Have a look what the booklet for
XYZ(55.9581, 56.2747, 65.6240)
contains.

XYZ(56.0434, 56.2567, 65.6624)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.0434, 56.2567,
65.6624)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC2CD
RGB	207, 194, 205
RGB Percent	81%, 76%, 80%
CMY	0.1882, 0.2392, 0.1961
CMYK	0.00, 0.06, 0.01, 0.19
HSL	309°, 12%, 79%
HSV	309°, 6%, 81%
XYZ	56.0434, 56.2567, 65.6624
YIQ	199.1410, 4.2170, 6.1770

Conversions

Conversions Part 2

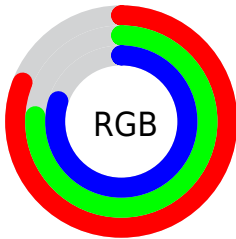
Format	Color
R_{YB}	207, 194, 205
Decimal	13615821
CIE _{Lab}	79.76, 6.52, -3.87
CIE _{LCh}	80, 7.580, 329.302
Yxy	56.2567, 0.3149, 0.3161
Android (android.graphics.Color)	4291805901 (0xFFCFC2CD)
YUV	199.1410, 2.8885, 6.8923
Hunter-Lab	75.0045, 2.1175, 0.5979

Details

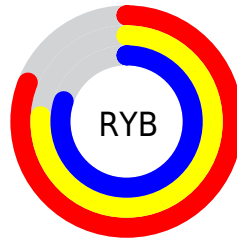
The XYZ color **56.0434, 56.2567, 65.6624** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5269, 60.0822, 60.9507**, and the grayscale version is **54.3548, 57.1855, 62.2750**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **28.1009, 27.7628, 33.1558** is the 20% darker color. If you saturate the color by 10%, you get **51.3734, 47.5252, 62.2281**, and if you desaturate by 10%, it is **61.3662, 66.2796, 69.3543**.

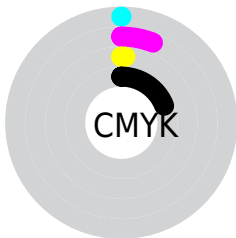
Distribution



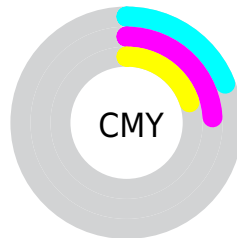
- Red (81%)
- Green (76%)
- Blue (80%)



- Red (81%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (19%)



- Cyan (19%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0434, 56.2567, 65.6624 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 56.0434, 56.2567, 65.6624 by changing the saturation by 10% instead.

■ 56.0434, 56.2567,
65.6624

■ 56.0434, 56.2567,
65.6624

399.9274,
410.6582, 463.5397

■ 40.4749, 40.4088,
47.5436

■ 98.2075, 99.3798,
114.6240

■ 28.0948, 27.8574,
33.1082

125.5337,
127.4238, 146.3040

■ 18.5380, 18.2182,
21.9376

157.5099,
160.3019, 183.3414

■ 11.4389, 11.1068,
13.6132

194.5014,
198.3985, 226.1549

■ 6.4323, 6.1387,
7.7164

236.8735,
242.0980, 275.1629

■ 3.1529, 2.9296,
3.8289

284.9917,

■ 1.2351, 1.0951,

291.7849, 330.7840

1.5319

339.2212,
347.8435, 393.4368

■ 0.1338, 0.0000,
0.2416

■ 0.0000, 0.0000,
0.0000

■ 56.0434, 56.2567,
65.6624

■ 56.0434, 56.2567,
65.6624

■ 51.3734, 47.5252,
62.2281

■ 61.3662, 66.2796,
69.3543

■ 47.3250, 40.0251,
59.0387

■ 67.3618, 77.6364,
73.3086

■ 43.8714, 33.7024,
56.0858

■ 73.7018, 89.6693,
77.4169

■ 40.9823, 28.4963,
53.3591

■ 74.1142, 89.8343,
79.5886

■ 38.6244, 24.3405,
50.8471

■ 74.5346, 90.0024,
81.8025

■ 36.7612, 21.1617,
48.5375

■ 74.9631, 90.1738,
84.0588

■ 35.3512, 18.8773,
46.4162

■ 75.3996, 90.3485,
86.3578

■ 34.3462, 17.3909,
44.4670

■ 75.8444, 90.5263,
88.6996

■ 33.6851, 16.5804,
42.6692

■ 76.2973, 90.7075,
91.0846

Harmonies

Analogous

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



54.9250, 56.2567, 68.9091



56.0434, 56.2567, 65.6624



56.4702, 56.2567, 61.3567

Triad

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



56.0434, 56.2567, 65.6624



53.5062, 56.2567, 53.1998



50.9425, 56.2567, 65.4763

Complementary

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



56.0434, 56.2567, 65.6624



54.5269, 60.0822, 60.9507

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.



50.5786, 56.2567, 61.1513



56.0434, 56.2567, 65.6624



52.0416, 56.2567, 54.1879

Square

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



56.0434, 56.2567, 65.6624



54.9882, 56.2567, 54.2826



50.9772, 56.2567, 57.0474



51.9806, 56.2567, 68.7981

Rectangle

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



56.0434, 56.2567, 65.6624



56.2988, 56.2567, 58.5075



50.9772, 56.2567, 57.0474



50.7381, 56.2567, 64.0851

Sweetspot

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



56.0450, 56.2591, 65.6636



93.3184, 96.7386, 107.7006



53.3086, 54.8204, 66.8043



19.9921, 20.7402, 23.0650



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.



56.0450, 56.2591, 65.6636



88.3825, 87.4673, 104.2040



55.2825, 55.9541, 61.6480



12.2293, 11.9765, 14.4835



21.1247, 10.3227, 26.6267



1.2028, 0.5858, 1.6027

Inverse Universe

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



56.0450, 56.2591, 65.6636



88.3825, 87.4673, 104.2040



55.2769, 60.3822, 64.9001



12.2293, 11.9765, 14.4835



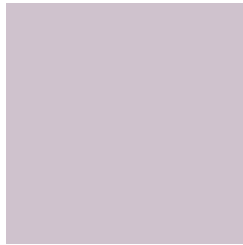
21.1247, 10.3227, 26.6267



1.2028, 0.5858, 1.6027

Previews

White Background



This preview shows how the XYZ color 56.0434, 56.2567, 65.6624 looks on a white background.

Color Contrast Check

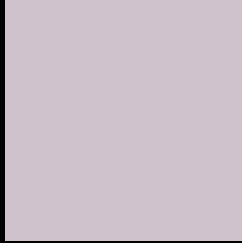
Large Text (above 18pt) WCAG AA × Fail

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 56.0434, 56.2567, 65.6624 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 56.0434, 56.2567, 65.6624

Background



This preview shows how black text looks on a background with the XYZ color 56.0434, 56.2567, 65.6624.



This preview shows how white text looks on a background with the XYZ color 56.0434, 56.2567,

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

56.0434, 56.2567, 65.6624

Protanopia

54.7819, 56.5796, 67.0651

Deuteranopia

57.3097, 56.2532, 65.5950



Tritanopia

56.5910, 56.1533, 68.1776

Trichromacy



Original Color

56.0434, 56.2567, 65.6624

Protanomaly

55.2376, 56.4926, 66.3854

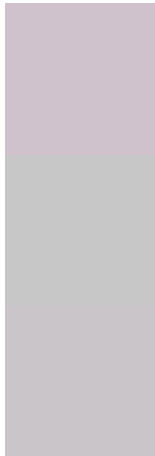
Deuteranomaly

56.9534, 56.3966, 65.6415

Tritanomaly

56.4676, 56.1039, 67.5275

Monochromacy



Original Color

56.0434, 56.2567, 65.6624

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.8660, 56.7061, 63.3120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0434, 56.2567, 65.6624 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(207, 194, 205) looks like.

```
.text, #text, p{  
    color:rgb(207, 194, 205)  
}
```

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(207, 194, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 194, 205) }
```

Border

The CSS property to change the border of an element to XYZ 56.0434, 56.2567, 65.6624 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(207, 194, 205) }
```


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

```
.border{ border-color:rgb(207, 194, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 194, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 194, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 194, 205);  
box-shadow:4px 4px 4px 4px rgb(207, 194,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0434, 56.2567, 65.6624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 194, 205) }
```

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

```
.background{ background-color: rgb(207,  
194, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor