

Converting Colors

XYZ(56.6190, 54.3256, 67.4078)

Have a look what the booklet for
XYZ(56.6190, 54.3256, 67.4078)
contains.

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Color

**XYZ(56.5961, 54.2408,
67.1611)**

Conversions

Conversions Part 1

Format	Color
Hex	D5BBD0
RGB	213, 187, 208
RGB Percent	84%, 73%, 82%
CMY	0.1647, 0.2666, 0.1843
CMYK	0.00, 0.12, 0.02, 0.16
HSL	312°, 24%, 78%
HSV	312°, 12%, 84%
XYZ	56.5961, 54.2408, 67.1611
YIQ	197.1680, 8.7550, 12.0430

Conversions

Conversions Part 2

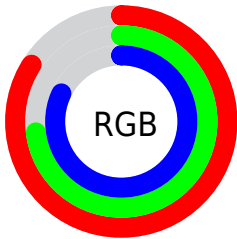
Format	Color
R _Y B	213, 187, 208
Decimal	14007248
CIE Lab	78.60, 12.88, -7.14
CIE LCh	79, 14.729, 330.996
Yxy	54.2408, 0.3180, 0.3047
Android (android.graphics.Color)	4292197328 (0xFFD5BBD0)
YUV	197.1680, 5.3402, 13.8847
Hunter-Lab	73.6484, 8.2862, -2.5136

Details

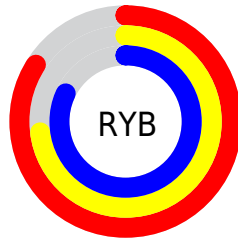
The XYZ color **56.5961, 54.2408, 67.1611** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8043, 61.9607, 58.9959**, and the grayscale version is **53.1387, 55.9061, 60.8817**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **28.4584, 26.6524, 34.2164** is the 20% darker color. If you saturate the color by 10%, you get **51.9112, 45.6666, 63.1451**, and if you desaturate by 10%, it is **61.9674, 64.1654, 71.4714**.

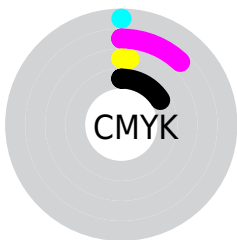
Distribution



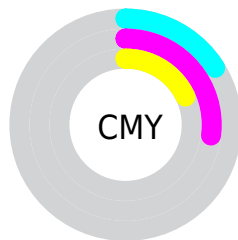
- Red (84%)
- Green (73%)
- Blue (82%)



- Red (84%)
- Yellow (73%)
- Blue (82%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5961, 54.2408, 67.1611 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 56.5961, 54.2408, 67.1611 by changing the saturation by 10% instead.

■ 56.5961, 54.2408,
67.1611

■ 56.5961, 54.2408,
67.1611

401.9728,
403.0276, 469.0351

■ 40.9199, 38.7942,
48.7531

■ 99.0104, 96.4277,
116.7941

■ 28.4439, 26.5997,
34.0595

126.4792,
123.9368, 148.8561

■ 18.8027, 17.2728,
22.6616

158.6096,
156.2356, 186.3067

■ 11.6310, 10.4292,
14.1409

195.7669,
193.7084, 229.5642

■ 6.5633, 5.6844,
8.0788

238.3165,
236.7395, 279.0473

■ 3.2344, 2.6542,
4.0569

286.6238,

■ 1.2789, 0.9540,

285.7136, 335.1744

1.6566

341.0541,
341.0148, 398.3642

■ 0.1674, 0.0000,
0.3308

■ 0.0000, 0.0000,
0.0000

■ 56.5961, 54.2408,
67.1611

■ 56.5961, 54.2408,
67.1611

■ 51.9112, 45.6666,
63.1451

■ 61.9674, 64.1654,
71.4714

■ 47.8785, 38.3768,
59.4096

■ 68.0480, 75.4884,
76.0823

■ 44.4678, 32.3105,
55.9447

■ 74.8656, 88.2643,
81.0040

■ 41.6448, 27.3993,
52.7386

■ 76.7084, 91.0693,
84.3332

39.3718, 23.5678,
49.7780

77.2722, 91.2948,
87.3020

37.6065, 20.7317,
47.0486

77.8495, 91.5258,
90.3420

36.3004, 18.7942,
44.5335

78.4404, 91.7621,
93.4534

35.3954, 17.6391,
42.2128

79.0449, 92.0039,
96.6369

34.8905, 17.1262,
40.5126

79.6632, 92.2512,
99.8928

Harmonies

Analogous

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



54.4850, 54.2408, 73.8626



56.5961, 54.2408, 67.1611



57.3440, 54.2408, 58.7812

Triad

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



56.5961, 54.2408, 67.1611



51.4572, 54.2408, 44.4630



46.9123, 54.2408, 67.6875

Complementary

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



56.5961, 54.2408, 67.1611



53.8043, 61.9607, 58.9959

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.



46.1679, 54.2408, 59.3377



56.5961, 54.2408, 67.1611



48.7305, 54.2408, 46.3786

Square

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



56.5961, 54.2408, 67.1611



54.3107, 54.2408, 46.1422



46.8211, 54.2408, 51.6362



48.8927, 54.2408, 74.1860

Rectangle

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



56.5961, 54.2408, 67.1611



56.9477, 54.2408, 53.5098



46.8211, 54.2408, 51.6362



46.5126, 54.2408, 64.9792

Sweetspot

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



56.5977, 54.2432, 67.1623



91.5676, 93.5381, 106.1889



51.4620, 51.5234, 70.1845



19.4632, 19.7691, 22.6214



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.



56.5977, 54.2432, 67.1623



82.8764, 77.5121, 99.1100



55.0895, 53.6399, 59.2204



12.8458, 12.5898, 15.1284



21.3485, 10.4757, 24.9370



1.3145, 0.6426, 1.6458

Inverse Universe

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



56.5977, 54.2432, 67.1623



82.8764, 77.5121, 99.1100



55.2809, 62.5513, 66.7717



12.8458, 12.5898, 15.1284



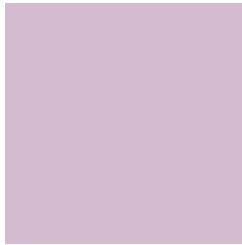
21.3485, 10.4757, 24.9370



1.3145, 0.6426, 1.6458

Previews

White Background



This preview shows how the XYZ color 56.5961, 54.2408, 67.1611 looks on a white background.

Color Contrast Check

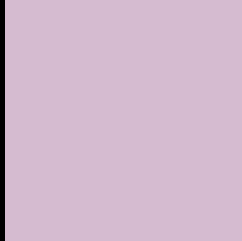
Large Text (above 18pt) WCAG AA × Fail

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 56.5961, 54.2408, 67.1611 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 56.5961, 54.2408, 67.1611

Background



This preview shows how black text looks on a background with the XYZ color 56.5961, 54.2408, 67.1611.



This preview shows how white text looks on a background with the XYZ color 56.5961, 54.2408,

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

56.5961, 54.2408, 67.1611

Protanopia

52.9459, 54.2309, 69.9644

Deuteranopia

55.5952, 54.3592, 67.2367



Tritanopia

55.9141, 54.2753, 64.0291

Trichromacy



Original Color

56.5961, 54.2408, 67.1611

Protanomaly

54.2081, 54.2441, 69.2411

Deuteranomaly

55.9467, 54.2221, 67.1917

Tritanomaly

56.1540, 54.3713, 65.2927

Monochromacy



Original Color

56.5961, 54.2408, 67.1611

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.2412, 55.0535, 63.0259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5961, 54.2408, 67.1611 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(213, 187, 208)` looks like.

```
.text, #text, p{  
    color:rgb(213, 187, 208)  
}
```

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(213, 187, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 187, 208) }
```

Border

The CSS property to change the border of an element to XYZ 56.5961, 54.2408, 67.1611 is called "border". The border property can be set on classes, ids or directly on the HTML element.

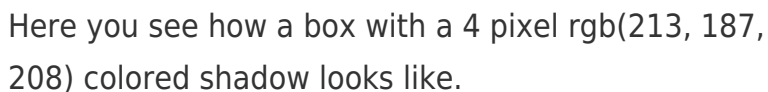
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 187, 208) }
```


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

```
.border{ border-color:rgb(213, 187, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 187, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 187, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 187, 208); box-shadow:4px 4px 4px 4px rgb(213, 187, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5961, 54.2408, 67.1611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 187, 208) }
```

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

```
.background{ background-color: rgb(213,  
187, 208) }
```

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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