

Converting Colors

XYZ(56.2457, 54.6275, 66.0131)

Have a look what the booklet for
XYZ(56.2457, 54.6275, 66.0131)
contains.

XYZ(56.2021, 54.7003, 65.9886)	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(56.2021, 54.7003,
65.9886)**

Conversions

Conversions Part 1

Format	Color
Hex	D3BDCE
RGB	211, 189, 206
RGB Percent	83%, 74%, 81%
CMY	0.1725, 0.2588, 0.1922
CMYK	0.00, 0.10, 0.02, 0.17
HSL	314°, 20%, 78%
HSV	314°, 10%, 83%
XYZ	56.2021, 54.7003, 65.9886
YIQ	197.5160, 7.6550, 9.9510

Conversions

Conversions Part 2

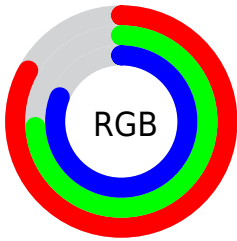
Format	Color
R _Y B	211, 189, 206
Decimal	13876686
CIE Lab	78.87, 10.75, -5.69
CIE LCh	79, 12.165, 332.137
Yxy	54.7003, 0.3177, 0.3092
Android (android.graphics.Color)	4292066766 (0xFFD3BDCE)
YUV	197.5160, 4.1826, 11.8255
Hunter-Lab	73.9597, 6.2131, -1.1282

Details

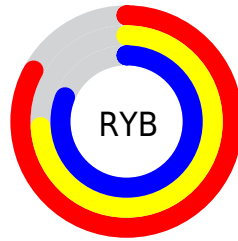
The XYZ color **56.2021, 54.7003, 65.9886** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0202, 61.3038, 60.0274**, and the grayscale version is **53.3564, 56.1351, 61.1312**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **28.1820, 26.9432, 33.4210** is the 20% darker color. If you saturate the color by 10%, you get **51.4161, 46.0459, 61.5628**, and if you desaturate by 10%, it is **61.6693, 64.6871, 70.7305**.

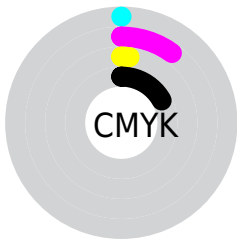
Distribution



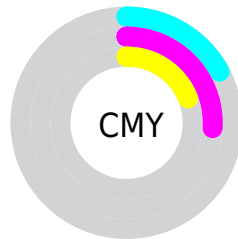
- Red (83%)
- Green (74%)
- Blue (81%)



- Red (83%)
- Yellow (74%)
- Blue (81%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (17%)



- Cyan (17%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2021, 54.7003, 65.9886 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 56.2021, 54.7003, 65.9886 by changing the saturation by 10% instead.

■ 56.2021, 54.7003,
65.9886

■ 56.2021, 54.7003,
65.9886

400.5154,
404.7749, 464.7392

■ 40.6026, 39.1618,
47.8067

■ 98.4381, 97.1017,
115.0968

■ 28.1950, 26.8856,
33.3150

125.8053,
124.7334, 146.8602

■ 18.6139, 17.4874,
22.0947

157.8259,
157.1650, 183.9879

■ 11.4940, 10.5826,
13.7275

194.8650,
194.7809, 226.8984

■ 6.4699, 5.7869,
7.7948

237.2882,
237.9654, 276.0102

■ 3.1762, 2.7159,
3.8781

285.4608,

■ 1.2476, 0.9853,

287.1030, 331.7420

1.5587

339.7480,
342.5780, 394.5121

■ 0.1435, 0.0000,
0.2611

■ 0.0000, 0.0000,
0.0000

■ 56.2021, 54.7003,
65.9886

■ 56.2021, 54.7003,
65.9886

■ 51.4161, 46.0459,
61.5628

■ 61.6693, 64.6871,
70.7305

■ 47.2781, 38.6600,
57.4393

■ 67.8398, 76.0527,
75.7947

■ 43.7590, 32.4840,
53.6084

■ 74.7406, 88.8497,
81.1915

■ 40.8257, 27.4518,
50.0580

■ 76.2402, 90.8154,
84.8779

38.4419, 23.4913,
46.7754

76.9046, 91.0812,
88.3766

36.5672, 20.5217,
43.7463

77.5876, 91.3544,
91.9730

35.1554, 18.4511,
40.9544

78.2892, 91.6350,
95.6677

34.1517, 17.1701,
38.3807

79.0097, 91.9232,
99.4616

33.4787, 16.4948,
36.0885

79.7491, 92.2190,
103.3553

Harmonies

Analogous

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



54.4986, 54.7003, 71.5360



56.2021, 54.7003, 65.9886



56.7672, 54.7003, 59.0652

Triad

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



56.2021, 54.7003, 65.9886



51.8182, 54.7003, 47.2419



48.1599, 54.7003, 66.9118

Complementary

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



56.2021, 54.7003, 65.9886



54.0202, 61.3038, 60.0274

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.



47.4905, 54.7003, 60.0562



56.2021, 54.7003, 65.9886



49.5615, 54.7003, 49.0001

Square

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



56.2021, 54.7003, 65.9886



54.1899, 54.7003, 48.5663



47.9957, 54.7003, 53.5618



49.8523, 54.7003, 72.0973

Rectangle

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



56.2021, 54.7003, 65.9886



56.4087, 54.7003, 54.6907



47.9957, 54.7003, 53.5618



47.8102, 54.7003, 64.7086

Sweetspot

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



56.2037, 54.7027, 65.9898



92.3792, 95.1043, 106.6348



52.1460, 52.5396, 69.0215



19.6237, 20.0832, 22.6963



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.



56.2037, 54.7027, 65.9898



84.1818, 80.1670, 99.4093



54.9401, 54.1973, 59.3360



12.1910, 11.9611, 14.2817



20.2447, 9.9707, 21.9925



1.1608, 0.5690, 1.3816

Inverse Universe

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



56.2037, 54.7027, 65.9898



84.1818, 80.1670, 99.4093



55.2736, 61.8051, 66.6278



12.1910, 11.9611, 14.2817



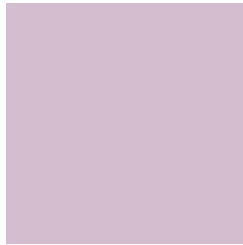
20.2447, 9.9707, 21.9925



1.1608, 0.5690, 1.3816

Previews

White Background



This preview shows how the XYZ color 56.2021, 54.7003, 65.9886 looks on a white background.

Color Contrast Check

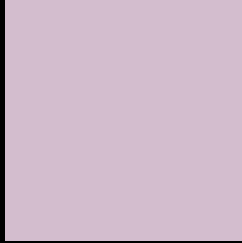
Large Text (above 18pt) WCAG AA × Fail

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 56.2021, 54.7003, 65.9886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

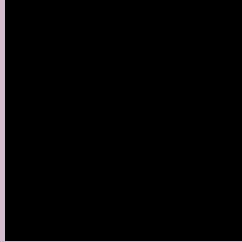
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2021, 54.7003, 65.9886

Background



This preview shows how black text looks on a background with the XYZ color 56.2021, 54.7003, 65.9886.



This preview shows how white text looks on a background with the XYZ color 56.2021, 54.7003,

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

56.2021, 54.7003, 65.9886

Protanopia

53.3061, 54.7891, 68.0874

Deuteranopia

55.8485, 54.8385, 66.0339



Tritanopia

55.9606, 54.6037, 64.7169

Trichromacy



Original Color

56.2021, 54.7003, 65.9886

Protanomaly

54.3222, 54.6708, 67.3639

Deuteranomaly

56.1324, 54.9848, 66.0471

Tritanomaly

56.0810, 54.6519, 65.3507

Monochromacy



Original Color

56.2021, 54.7003, 65.9886

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.6863, 55.9438, 63.1743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2021, 54.7003, 65.9886 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(211, 189, 206) looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 189, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 189, 206) }
```

Border

The CSS property to change the border of an element to XYZ 56.2021, 54.7003, 65.9886 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(211, 189, 206) }
```


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

```
.border{ border-color:rgb(211, 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(211, 189, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 189, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 189, 206);  
box-shadow:4px 4px 4px 4px rgb(211, 189,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2021, 54.7003, 65.9886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 189, 206) }
```

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

```
.background{ background-color: rgb(211,  
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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