

Converting Colors

XYZ(56.1808, 54.7584, 62.8667)

Have a look what the booklet for
XYZ(56.1808, 54.7584, 62.8667)
contains.

XYZ(56.1808, 54.7584, 62.8667)	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(56.1808, 54.7584,
62.8667)**

Conversions

Conversions Part 1

Format	Color
Hex	D5BDC9
RGB	213, 189, 201
RGB Percent	84%, 74%, 79%
CMY	0.1647, 0.2588, 0.2118
CMYK	0.00, 0.11, 0.06, 0.16
HSL	330°, 22%, 79%
HSV	330°, 11%, 84%
XYZ	56.1808, 54.7584, 62.8667
YIQ	197.5440, 10.4520, 8.8200

Conversions

Conversions Part 2

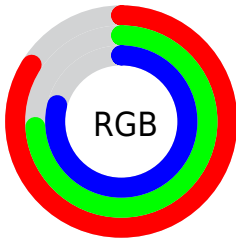
Format	Color
R_{YB}	213, 189, 201
Decimal	14007753
CIE _{Lab}	78.90, 10.56, -2.92
CIE _{LCh}	79, 10.952, 344.562
Yxy	54.7584, 0.3232, 0.3151
Android (android.graphics.Color)	4292197833 (0xFFD5BDC9)
YUV	197.5440, 1.7038, 13.5549
Hunter-Lab	73.9989, 6.0211, 1.4287

Details

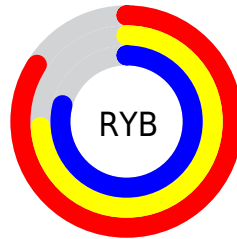
The XYZ color **56.1808, 54.7584, 62.8667** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3253, 62.6258, 64.4335**, and the grayscale version is **53.3868, 56.1670, 61.1659**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **28.1712, 26.9840, 31.3274** is the 20% darker color. If you saturate the color by 10%, you get **50.7217, 45.7758, 55.0780**, and if you desaturate by 10%, it is **62.4029, 65.1263, 71.3397**.

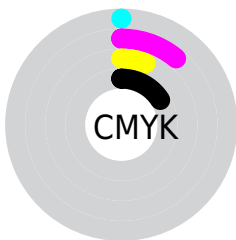
Distribution



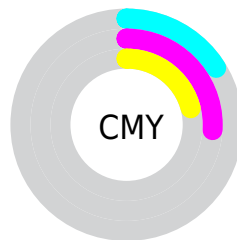
- Red (84%)
- Green (74%)
- Blue (79%)



- Red (84%)
- Yellow (74%)
- Blue (79%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (16%)





- Cyan (16%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1808, 54.7584, 62.8667 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 56.1808, 54.7584, 62.8667 by changing the saturation by 10% instead.


 56.1808, 54.7584,
62.8667

 56.1808, 54.7584,
62.8667


400.4365,
404.9955, 453.1802

 40.5855, 39.2083,
45.2931


 98.4072, 97.1869,
110.5609

 28.1816, 26.9218,
31.3437


125.7689,
124.8341, 141.5185

 18.6037, 17.5145,
20.6001


157.7835,
157.2824, 177.7746

 11.4866, 10.6020,
12.6436

194.8162,
194.9163, 219.7476

 6.4648, 5.7999,
7.0557

237.2326,
238.1202, 267.8562

 3.1731, 2.7238,
3.4180

285.3978,

 1.2459, 0.9893,

287.2784, 322.5187

1.3118

339.6774,
342.7754, 384.1539

■ 0.1422, 0.0000,
0.0715

■ 0.0000, 0.0000,
0.0000

■ 56.1808, 54.7584,
62.8667

■ 56.1808, 54.7584,
62.8667

■ 50.7217, 45.7758,
55.0780

■ 62.4029, 65.1263,
71.3397

■ 45.9898, 38.1121,
47.9512

■ 69.4123, 76.9279,
80.5117

■ 41.9536, 31.7064,
41.4675

■ 77.2381, 90.2179,
90.4011

■ 38.5771, 26.4899,
35.6058

■ 79.4706, 92.1742,
98.8792

■ 35.8213, 22.3872,
30.3435

■ 81.1320, 92.8387,
107.6278

■ 33.6425, 19.3144,
25.6560

■ 81.2509, 92.8863,
108.2542

■ 31.9908, 17.1752,
21.5166

■ 30.8072, 15.8548,
17.8948

■ 30.0677, 15.1970,
15.1166

Harmonies

Analogous

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



55.0351, 54.7584, 68.5663



56.1808, 54.7584, 62.8667



56.1982, 54.7584, 56.6626

Triad

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



56.1808, 54.7584, 62.8667



51.0021, 54.7584, 48.7691



49.1241, 54.7584, 68.4244

Complementary

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



56.1808, 54.7584, 62.8667



55.3253, 62.6258, 64.4335

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.



48.1039, 54.7584, 62.6839



56.1808, 54.7584, 62.8667



49.1676, 54.7584, 51.4926

Square

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



56.1808, 54.7584, 62.8667



53.1670, 54.7584, 48.8105



48.1196, 54.7584, 56.4920



50.9413, 54.7584, 71.9240

Rectangle

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



56.1808, 54.7584, 62.8667



55.5654, 54.7584, 53.0851



48.1196, 54.7584, 56.4920



48.6789, 54.7584, 66.6759

Sweetspot

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



56.1824, 54.7608, 62.8679



92.0480, 94.9718, 104.8909



54.2973, 53.6195, 70.4394



19.5343, 20.0474, 22.2251



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.



56.1824, 54.7608, 62.8679



81.9574, 78.2027, 91.0086



54.8255, 54.2180, 55.7225



12.6796, 12.5233, 14.2529



18.4180, 9.3035, 9.5053



1.1527, 0.5779, 0.7933

Inverse Universe

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



56.1824, 54.7608, 62.8679



81.9574, 78.2027, 91.0086



56.7925, 63.2127, 72.1596



12.6796, 12.5233, 14.2529



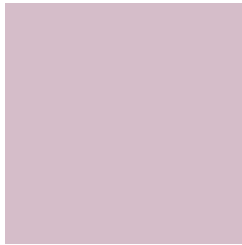
18.4180, 9.3035, 9.5053



1.1527, 0.5779, 0.7933

Previews

White Background



This preview shows how the XYZ color 56.1808, 54.7584, 62.8667 looks on a white background.

Color Contrast Check

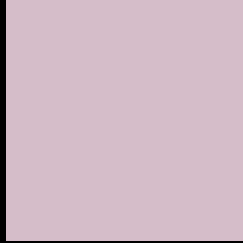
Large Text (above 18pt) WCAG AA × Fail

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 56.1808, 54.7584, 62.8667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

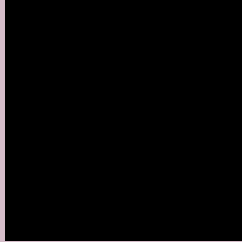
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1808, 54.7584, 62.8667

Background



This preview shows how black text looks on a background with the XYZ color 56.1808, 54.7584, 62.8667.



This preview shows how white text looks on a background with the XYZ color 56.1808, 54.7584,

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

56.1808, 54.7584, 62.8667

Protanopia

52.9558, 54.6790, 64.8898

Deuteranopia

55.8916, 54.6093, 62.8532



Tritanopia

56.4177, 54.8531, 64.1141

Trichromacy



Original Color

56.1808, 54.7584, 62.8667

Protanomaly

53.9863, 54.5676, 64.1871

Deuteranomaly

55.8916, 54.6093, 62.8532

Tritanomaly

56.2988, 54.8056, 63.4884

Monochromacy



Original Color

56.1808, 54.7584, 62.8667

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.4525, 55.8502, 61.9431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1808, 54.7584, 62.8667 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, 189, 201) looks like.

```
.text, #text, p{  
    color:rgb(213, 189, 201)  
}
```

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, 189, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 189, 201) }
```

Border

The CSS property to change the border of an element to XYZ 56.1808, 54.7584, 62.8667 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, 189, 201) }
```


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

```
.border{ border-color:rgb(213, 189, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 189, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 189, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 189, 201);  
box-shadow:4px 4px 4px 4px rgb(213, 189,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1808, 54.7584, 62.8667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 189, 201) }
```

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

```
.background{ background-color: rgb(213,  
189, 201) }
```

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