

Converting Colors

XYZ(59.1287, 56.6503, 63.0202)

Have a look what the booklet for
XYZ(59.1287, 56.6503, 63.0202)
contains.

XYZ(59.0803, 56.5736, 63.0643)	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(59.0803, 56.5736,
63.0643)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBEC9
RGB	222, 190, 201
RGB Percent	87%, 75%, 79%
CMY	0.1294, 0.2549, 0.2118
CMYK	0.00, 0.14, 0.09, 0.13
HSL	339°, 33%, 81%
HSV	339°, 14%, 87%
XYZ	59.0803, 56.5736, 63.0643
YIQ	200.8220, 15.5410, 10.2050

Conversions

Conversions Part 2

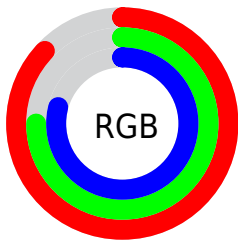
Format	Color
R_{YB}	222, 190, 201
Decimal	14597833
CIE _{Lab}	79.94, 13.18, -1.30
CIE _{LCh}	80, 13.248, 354.363
Yxy	56.5736, 0.3306, 0.3166
Android (android.graphics.Color)	4292787913 (0xFFDEBEC9)
YUV	200.8220, 0.0878, 18.5731
Hunter-Lab	75.2154, 8.5814, 2.9392

Details

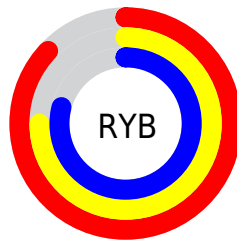
The XYZ color **59.0803, 56.5736, 63.0643** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.1166, 67.8943, 71.6205**, and the grayscale version is **55.4012, 58.2864, 63.4739**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **30.1485, 28.2134, 31.4605** is the 20% darker color. If you saturate the color by 10%, you get **53.0000, 47.0267, 52.9785**, and if you desaturate by 10%, it is **66.0588, 67.6553, 74.2531**.

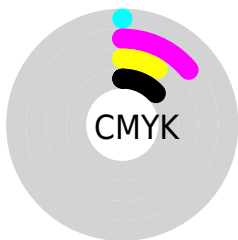
Distribution



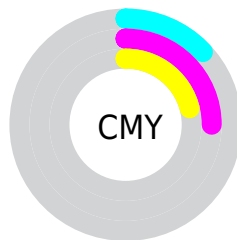
- Red (87%)
- Green (75%)
- Blue (79%)



- Red (87%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0803, 56.5736, 63.0643 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 59.0803, 56.5736, 63.0643 by changing the saturation by 10% instead.

■ 59.0803, 56.5736,
63.0643

■ 59.0803, 56.5736,
63.0643

411.0887,
411.8496, 453.9172

■ 42.9244, 40.6630,
45.4519

■ 102.6083, 99.8427,
110.8487

■ 30.0201, 28.0559,
31.4680

130.7111,
127.9701, 141.8579

■ 20.0020, 18.3678,
20.6940

163.5270,
160.9384, 178.1696

■ 12.5047, 11.2143,
12.7115

201.4212,
199.1322, 220.2026

■ 7.1630, 6.2112,
7.1018

244.7591,
242.9359, 268.3753

■ 3.6115, 2.9739,
3.4464

293.9061,

■ 1.4848, 1.1181,

292.7337, 323.1063

1.3269

349.2275,
348.9101, 384.8140

■ 0.3155, 0.0000,
0.0836

■ 0.0000, 0.0000,
0.0000

■ 59.0803, 56.5736,
63.0643

■ 59.0803, 56.5736,
63.0643

■ 53.0000, 47.0267,
52.9785

■ 66.0588, 67.6553,
74.2531

■ 47.7756, 38.9392,
43.9573

■ 73.9659, 80.3278,
86.5743

■ 43.3684, 32.2406,
35.9654

■ 82.3222, 93.6248,
99.8893

■ 39.7348, 26.8516,
28.9638

■ 83.9345, 94.2698,
108.3798

■ 36.8269, 22.6848,
22.9110

■ 34.5913, 19.6421,
17.7621

■ 32.9665, 17.6097,
13.4677

■ 31.8783, 16.4496,
9.9724

■ 31.4393, 16.0557,
8.3335

Harmonies

Analogous

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



58.0820, 56.5736, 70.6314



59.0803, 56.5736, 63.0643



58.6181, 56.5736, 55.6929

Triad

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



59.0803, 56.5736, 63.0643



51.6676, 56.5736, 49.0759



50.8162, 56.5736, 74.4282

Complementary

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



59.0803, 56.5736, 63.0643



59.1166, 67.8943, 71.6205

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.



49.1997, 56.5736, 67.9086



59.0803, 56.5736, 63.0643



49.6797, 56.5736, 53.3715

Square

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



59.0803, 56.5736, 63.0643



54.2807, 56.5736, 48.0125



48.7907, 56.5736, 60.1566



53.2655, 56.5736, 77.5336

Rectangle

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



59.0803, 56.5736, 63.0643



57.5515, 56.5736, 51.8189



48.7907, 56.5736, 60.1566



50.1607, 56.5736, 72.5383

Sweetspot

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



59.0819, 56.5761, 63.0655



90.8227, 93.2402, 102.2659



58.4070, 55.9230, 76.8238



19.2746, 19.6936, 21.6281



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.



59.0819, 56.5761, 63.0655



78.4989, 73.6933, 82.4334



58.8907, 58.1905, 56.8463



13.9007, 13.7779, 15.2472



18.7213, 9.5555, 5.1979



1.3387, 0.6788, 0.5766

Inverse Universe

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



59.0819, 56.5761, 63.0655



78.4989, 73.6933, 82.4334



59.2864, 65.9516, 78.7131



13.9007, 13.7779, 15.2472



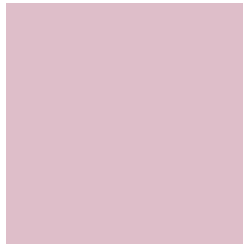
18.7213, 9.5555, 5.1979



1.3387, 0.6788, 0.5766

Previews

White Background



This preview shows how the XYZ color 59.0803, 56.5736, 63.0643 looks on a white background.

Color Contrast Check

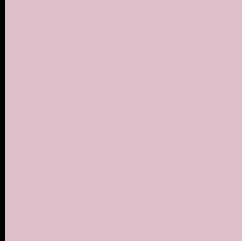
Large Text (above 18pt) WCAG AA × Fail

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 59.0803, 56.5736, 63.0643 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

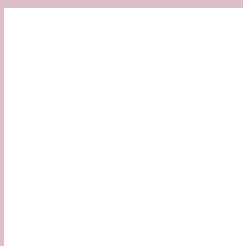
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0803, 56.5736, 63.0643

Background



This preview shows how black text looks on a background with the XYZ color 59.0803, 56.5736, 63.0643.



This preview shows how white text looks on a background with the XYZ color 59.0803, 56.5736,

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

59.0803, 56.5736, 63.0643

Protanopia

54.8051, 56.6196, 65.7978

Deuteranopia

57.7112, 56.5152, 63.1252



Tritanopia

59.2209, 56.2844, 64.8694

Trichromacy



Original Color

59.0803, 56.5736, 63.0643

Protanomaly

56.2033, 56.3531, 65.0417

Deuteranomaly

58.0869, 56.3841, 63.0800

Tritanomaly

59.1013, 56.2366, 64.2397

Monochromacy



Original Color

59.0803, 56.5736, 63.0643

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.8034, 57.7049, 63.4026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0803, 56.5736, 63.0643 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(222, 190, 201)` looks like.

```
.text, #text, p{  
    color:rgb(222, 190, 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(222, 190, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 190, 201) }
```

Border

The CSS property to change the border of an element to XYZ 59.0803, 56.5736, 63.0643 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(222, 190, 201) }
```


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

```
.border{ border-color:rgb(222, 190, 201) }
```

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

Here you see how a box with a 4 pixel rgb(222, 190, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 190, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 190, 201);  
box-shadow:4px 4px 4px 4px rgb(222, 190,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0803, 56.5736, 63.0643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 190, 201) }
```

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

```
.background{ background-color: rgb(222,  
190, 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