

Converting Colors

XYZ(59.5284, 56.5778, 66.4428)

Have a look what the booklet for
XYZ(59.5284, 56.5778, 66.4428)
contains.

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Color

**XYZ(59.6782, 56.8127,
66.2131)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBECE
RGB	222, 190, 206
RGB Percent	87%, 75%, 81%
CMY	0.1294, 0.2549, 0.1922
CMYK	0.00, 0.14, 0.07, 0.13
HSL	330°, 33%, 81%
HSV	330°, 14%, 87%
XYZ	59.6782, 56.8127, 66.2131
YIQ	201.3920, 13.9360, 11.7600

Conversions

Conversions Part 2

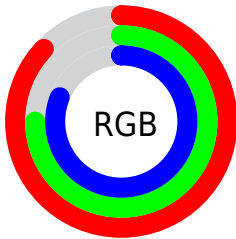
Format	Color
R _Y B	222, 190, 206
Decimal	14597838
CIE Lab	80.07, 14.04, -3.80
CIE LCh	80, 14.542, 344.859
Yxy	56.8127, 0.3266, 0.3110
Android (android.graphics.Color)	4292787918 (0xFFDEBECE)
YUV	201.3920, 2.2717, 18.0732
Hunter-Lab	75.3742, 9.4241, 0.6781

Details

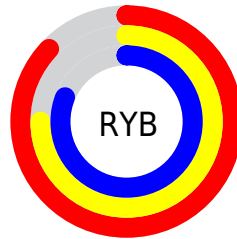
The XYZ color **59.6782, 56.8127, 66.2131** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.4992, 67.6474, 68.3697**, and the grayscale version is **55.7422, 58.6451, 63.8645**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **30.5495, 28.3738, 33.5723** is the 20% darker color. If you saturate the color by 10%, you get **53.9302, 47.3987, 57.8769**, and if you desaturate by 10%, it is **66.2571, 67.7345, 75.2976**.

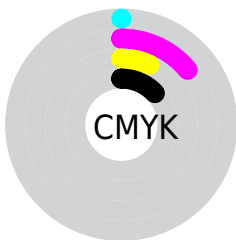
Distribution



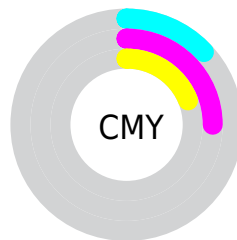
- Red (87%)
- Green (75%)
- Blue (81%)



- Red (87%)
- Yellow (75%)
- Blue (81%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (13%)





- Cyan (13%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.6782, 56.8127, 66.2131 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 59.6782, 56.8127, 66.2131 by changing the saturation by 10% instead.


 59.6782, 56.8127,
66.2131

 59.6782, 56.8127,
66.2131


413.2644,
412.7471, 465.5636

 43.4078, 40.8549,
47.9878


 103.4717,
100.1918, 115.4221

 30.4011, 28.2057,
33.4573


131.7255,
128.3820, 147.2428

 20.2928, 18.4808,
22.2030


164.7045,
161.4183, 184.4325

 12.7176, 11.2957,
13.8064

202.7740,
199.6852, 227.4097

 7.3100, 6.2661,
7.8489

246.2994,
243.5672, 276.5928

 3.7048, 3.0076,
3.9121

295.6460,

 1.5365, 1.1357,

293.4486, 332.4005

1.5772

351.1792,
349.7137, 395.2512

■ 0.3505, 0.0082,
0.2745

■ 0.0000, 0.0000,
0.0000

■ 59.6782, 56.8127,
66.2131

■ 59.6782, 56.8127,
66.2131

■ 53.9302, 47.3987,
57.8769

■ 66.2571, 67.7345,
75.2976

■ 48.9732, 39.4182,
50.2641

■ 73.6948, 80.2193,
85.1470

■ 44.7714, 32.8018,
43.3535

■ 81.5096, 93.2998,
95.6106

■ 41.2838, 27.4712,
37.1211

■ 83.2037, 93.9774,
104.5312

■ 38.4658, 23.3404,
31.5413

■ 83.9345, 94.2698,
108.3798

■ 36.2670, 20.3123,
26.5863

■ 34.6295, 18.2749,
22.2253

■ 33.4831, 17.0915,
18.4228

■ 32.9931, 16.6772,
16.5156

Harmonies

Analogous

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



58.1116, 56.8127, 74.1414



59.6782, 56.8127, 66.2131



59.6860, 56.8127, 57.7748

Triad

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



59.6782, 56.8127, 66.2131



52.5531, 56.8127, 47.4107



50.0659, 56.8127, 74.0774

Complementary

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



59.6782, 56.8127, 66.2131



58.4992, 67.6474, 68.3697

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.



48.6848, 56.8127, 66.1320



59.6782, 56.8127, 66.2131



50.0848, 56.8127, 51.0147

Square

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



59.6782, 56.8127, 66.2131



55.4983, 56.8127, 47.4280



48.6916, 56.8127, 57.7008



52.5265, 56.8127, 78.9561

Rectangle

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



59.6782, 56.8127, 66.2131



58.8025, 56.8127, 53.0070



48.6916, 56.8127, 57.7008



49.4641, 56.8127, 71.6462

Sweetspot

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



59.6798, 56.8152, 66.2143



91.0715, 93.3397, 103.5762



57.0540, 55.2254, 76.7605



19.3375, 19.7188, 21.9594



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.



59.6798, 56.8152, 66.2143



79.4502, 74.0738, 87.4428



57.8339, 56.0768, 56.4939



13.9916, 13.8143, 15.7259



19.6532, 9.9283, 10.1055



1.4074, 0.7063, 0.9385

Inverse Universe

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



59.6798, 56.8152, 66.2143



79.4502, 74.0738, 87.4428



60.5430, 68.4649, 79.1321



13.9916, 13.8143, 15.7259



19.6532, 9.9283, 10.1055



1.4074, 0.7063, 0.9385

Previews

White Background



This preview shows how the XYZ color 59.6782, 56.8127, 66.2131 looks on a white background.

Color Contrast Check

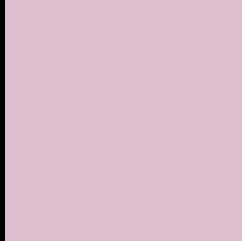
Large Text (above 18pt) WCAG AA × Fail

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 59.6782, 56.8127, 66.2131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

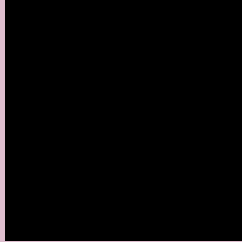
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6782, 56.8127, 66.2131

Background



This preview shows how black text looks on a background with the XYZ color 59.6782, 56.8127, 66.2131.



This preview shows how white text looks on a background with the XYZ color 59.6782, 56.8127,

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

59.6782, 56.8127, 66.2131

Protanopia

55.5051, 57.2334, 69.7497

Deuteranopia

58.1137, 56.9948, 65.6958



Tritanopia

59.5571, 56.7643, 65.5752

Trichromacy



Original Color

59.6782, 56.8127, 66.2131

Protanomaly

56.7559, 56.8991, 68.3129

Deuteranomaly

58.7825, 57.0125, 65.6639

Tritanomaly

59.5571, 56.7643, 65.5752

Monochromacy



Original Color

59.6782, 56.8127, 66.2131

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.0402, 57.7996, 64.6500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6782, 56.8127, 66.2131 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(222, 190, 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(222, 190, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 190, 206) }
```

Border

The CSS property to change the border of an element to XYZ 59.6782, 56.8127, 66.2131 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, 206) }
```


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

```
.border{ border-color:rgb(222, 190, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 190, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 190, 206); box-shadow:4px 4px 4px 4px rgb(222, 190, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6782, 56.8127, 66.2131 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, 206) }
```

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

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