

Converting Colors

XYZ(60.7937, 61.9325, 66.4171)

Have a look what the booklet for
XYZ(60.7937, 61.9325, 66.4171)
contains.

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Color

**XYZ(60.6943, 61.7186,
66.4716)**

Conversions

Conversions Part 1

Format	Color
Hex	D8CBCD
RGB	216, 203, 205
RGB Percent	85%, 80%, 80%
CMY	0.1529, 0.2039, 0.1961
CMYK	0.00, 0.06, 0.05, 0.15
HSL	351°, 14%, 82%
HSV	351°, 6%, 85%
XYZ	60.6943, 61.7186, 66.4716
YIQ	207.1150, 7.1060, 3.3780

Conversions

Conversions Part 2

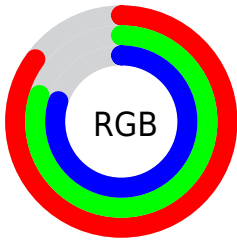
Format	Color
R _Y B	216, 203, 205
Decimal	14207949
CIE Lab	82.76, 4.86, 0.62
CIE LCh	83, 4.900, 7.250
Yxy	61.7186, 0.3213, 0.3268
Android (android.graphics.Color)	4292398029 (0xFFD8CBCD)
YUV	207.1150, -1.0427, 7.7921
Hunter-Lab	78.5612, 0.4223, 4.8268

Details

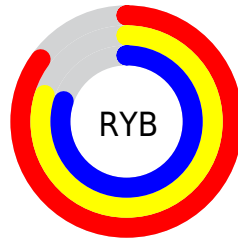
The XYZ color **60.6943, 61.7186, 66.4716** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3244, 66.6649, 73.2571**, and the grayscale version is **59.3871, 62.4798, 68.0405**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.0313, 31.3063, 33.6854** is the 20% darker color. If you saturate the color by 10%, you get **53.8652, 51.3877, 53.9361**, and if you desaturate by 10%, it is **68.4955, 73.5794, 80.6049**.

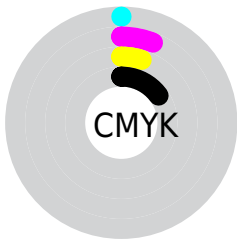
Distribution



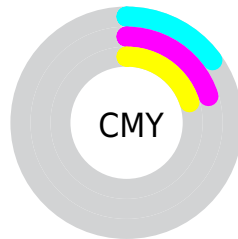
- Red (85%)
- Green (80%)
- Blue (80%)



- Red (85%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6943, 61.7186, 66.4716 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 60.6943, 61.7186, 66.4716 by changing the saturation by 10% instead.

■ 60.6943, 61.7186,
66.4716

■ 60.6943, 61.7186,
66.4716

416.9461,
430.9039, 466.5118

■ 44.2301, 44.8054,
48.1964

104.9368,
107.3187, 115.7964

■ 31.0501, 31.3041,
33.6214

133.4458,
136.7744, 147.6831

■ 20.7890, 20.8306,
22.3279

166.7005,
171.1797, 184.9441

■ 13.0815, 13.0002,
13.8974

205.0662,
210.9190, 227.9978

■ 7.5621, 7.4287,
7.9114

248.9082,
256.3766, 277.2630

■ 3.8655, 3.7316,
3.9514

298.5920,

■ 1.6263, 1.5246,

307.9371, 333.1580

1.5987

354.4828,
365.9847, 396.1014

■ 0.4095, 0.3059,
0.2899

■ 0.0000, 0.0000,
0.0000

■ 60.6943, 61.7186,
66.4716

■ 60.6943, 61.7186,
66.4716

■ 53.8652, 51.3877,
53.9361

■ 68.4955, 73.5794,
80.6049

■ 47.9650, 42.5166,
42.9382

■ 77.2994, 87.0204,
96.3854

■ 42.9547, 35.0419,
33.4195

■ 82.1293, 93.3391,
108.2953

■ 38.7907, 28.8922,
25.3165

■ 35.4259, 23.9900,
18.5611

■ 32.8081, 20.2494,
13.0795

■ 30.8790, 17.5739,
8.7907

■ 29.5715, 15.8511,
5.6040

■ 28.8036, 14.9423,
3.4150

Harmonies

Analogous

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



60.5498, 61.7186, 69.4697



60.6943, 61.7186, 66.4716



60.2890, 61.7186, 63.7502

Triad

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



60.6943, 61.7186, 66.4716



57.4440, 61.7186, 62.6879



57.8818, 61.7186, 72.6946

Complementary

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



60.6943, 61.7186, 66.4716



61.3244, 66.6649, 73.2571

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.



57.0639, 61.7186, 70.7743



60.6943, 61.7186, 66.4716



56.8133, 61.7186, 64.9823

Square

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



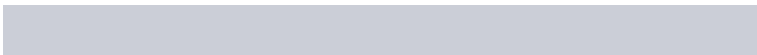
60.6943, 61.7186, 66.4716



58.4064, 61.7186, 61.6085



56.6750, 61.7186, 67.9358



58.9177, 61.7186, 73.1222

Rectangle

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



60.6943, 61.7186, 66.4716



59.7644, 61.7186, 62.4388



56.6750, 61.7186, 67.9358



57.5726, 61.7186, 72.1995

Sweetspot

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



60.6960, 61.7213, 66.4729



92.7572, 96.5142, 104.7456



61.4355, 61.9436, 73.6849



19.8779, 20.6945, 22.4634



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.



60.6960, 61.7213, 66.4729



87.2798, 88.2001, 94.7781



61.4940, 63.7004, 65.5575



12.7860, 12.8844, 13.8311



16.9511, 8.7168, 1.7807



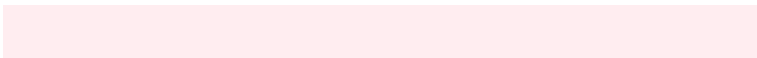
1.0475, 0.5358, 0.2394

Inverse Universe

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



60.6960, 61.7213, 66.4729



87.2798, 88.2001, 94.7781



60.4857, 64.5769, 74.2432



12.7860, 12.8844, 13.8311



16.9511, 8.7168, 1.7807



1.0475, 0.5358, 0.2394

Previews

White Background



This preview shows how the XYZ color 60.6943, 61.7186, 66.4716 looks on a white background.

Color Contrast Check

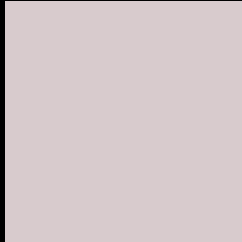
Large Text (above 18pt) WCAG AA × Fail

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 60.6943, 61.7186, 66.4716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

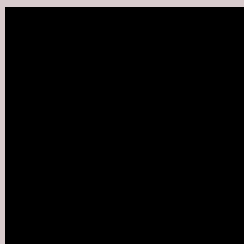
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

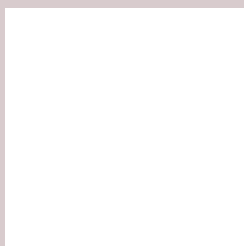
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.6943, 61.7186, 66.4716

Background



This preview shows how black text looks on a background with the XYZ color 60.6943, 61.7186, 66.4716.

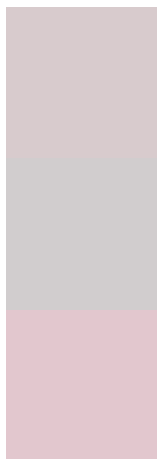


This preview shows how white text looks on a background with the XYZ color 60.6943, 61.7186,

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

60.6943, 61.7186, 66.4716

Protanopia

59.2664, 61.6742, 67.1732

Deuteranopia

62.9280, 61.4718, 66.9411



Tritanopia

62.3245, 61.6885, 74.2679

Trichromacy



Original Color

60.6943, 61.7186, 66.4716

Protanomaly

59.8848, 61.6390, 67.1338

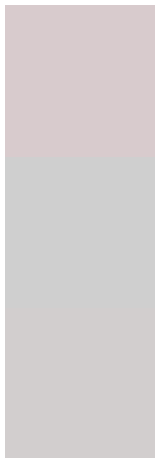
Deuteranomaly

61.9191, 61.2944, 66.9600

Tritanomaly

61.7460, 61.7969, 71.6244

Monochromacy



Original Color

60.6943, 61.7186, 66.4716

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.7902, 62.3005, 67.2664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6943, 61.7186, 66.4716 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(216, 203, 205) looks like.

```
.text, #text, p{  
    color:rgb(216, 203, 205)  
}
```

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(216, 203, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 203, 205) }
```

Border

The CSS property to change the border of an element to XYZ 60.6943, 61.7186, 66.4716 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(216, 203, 205) }
```


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

```
.border{ border-color:rgb(216, 203, 205) }
```

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

Here you see how a box with a 4 pixel rgb(216, 203, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 203, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 203, 205);  
box-shadow:4px 4px 4px 4px rgb(216, 203,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6943, 61.7186, 66.4716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 203, 205) }
```

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

```
.background{ background-color: rgb(216,  
203, 205) }
```

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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