Converting Colors

XYZ(57.3502, 61.7885, 66.4305)

Have a look what the booklet for XYZ(57.3502, 61.7885, 66.4305) contains.

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Color

XYZ(57.3947, 61.7989, 66.6610)

Conversions

Conversions Part 1

Format	Color
Hex	C8D0CD
RGB	200, 208, 205
RGB Percent	78%, 82%, 80%
CMY	0.2157, 0.1843, 0.1961
CMYK	0.04, 0.00, 0.01, 0.18
HSL	157°, 8%, 80%
HSV	157°, 4%, 82%
XYZ	57.3947, 61.7989, 66.6610
YIQ	205.2660, -3.8050, -2.6290

Conversions

Conversions Part 2

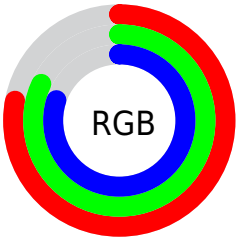
Format	Color
RYB	200, 205, 208
Decimal	13160653
CIELab	82.81, -3.27, 0.53
CIELCh	83, 3.315, 170.778
Yxy	61.7989, 0.3088, 0.3325
Android (android.graphics.Color)	4291350733 (0xFFC8D0CD)
YUV	205.2660, -0.1311, -4.6183
Hunter-Lab	78.6123, -7.2489, 4.7523

Details

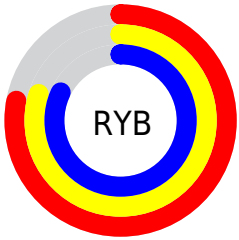
The XYZ color 57.3947, 61.7989, 66.6610 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 57.4484, 59.0317, 64.8692, and the grayscale version is 58.2016, 61.2326, 66.6823.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 28.9956, 31.4566, 33.8216 is the 20% darker color. If you saturate the color by 10%, you get 51.2945, 58.7620, 61.5799, and if you desaturate by 10%, it is 64.3013, 65.2495, 72.0277.

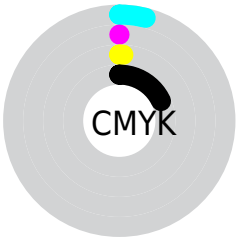
Distribution



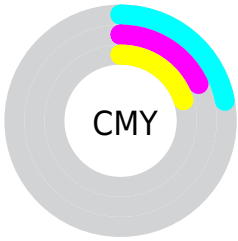
- Red (78%)
- Green (82%)
- Blue (80%)



- Red (78%)
- Yellow (80%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3947, 61.7989, 66.6610 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 57.3947, 61.7989, 66.6610 by changing the saturation by 10% instead.

57.3947, 61.7989, 66.6610

57.3947, 61.7989, 66.6610

404.9170, 431.1972, 467.2057

41.5636, 44.8702, 48.3493

100.1689, 107.4348, 116.0706

28.9493, 31.3552, 33.7416

127.8427, 136.9109, 148.0055

19.1866, 20.8695, 22.4194

160.1948, 171.3382, 185.3186

11.9100, 13.0286, 13.9642

197.5906, 211.1011, 228.4285

6.7542, 7.4483, 7.9573

240.3953, 256.5841, 277.7536

3.3538, 3.7440, 3.9802

288.9744,

1.3435, 1.5314,

308.1715, 333.7124

343.6931, 366.2477, 396.7237

1.6145

0.2154, 0.3107, 0.3011

0.0000, 0.0000, 0.0000

57.3947, 61.7989, 66.6610

57.3947, 61.7989, 66.6610

51.2945, 58.7620, 61.5799

64.3013, 65.2495, 72.0277

45.9643, 56.1150, 56.7755

72.0382, 69.1209, 77.6810

41.3729, 53.8436, 52.2439

77.8587, 71.9988, 83.4967

37.4848, 51.9296, 47.9798

78.9698, 72.4433, 89.3477

34.2614, 50.3531, 43.9775

31.6604, 49.0925, 40.2313

29.6342, 48.1232, 36.7348

28.1281, 47.4172, 33.4815

27.0759, 46.9405, 30.4640

80.1305, 72.9075, 95.4598

81.3414, 73.3919, 101.8364

81.8471, 73.5942, 104.4990

Harmonies

Analogous

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

57.6820, 61.7989, 64.8354

57.3947, 61.7989, 66.6610

57.4651, 61.7989, 68.6914

Triad

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

57.3947, 61.7989, 66.6610

59.2258, 61.7989, 71.0279

59.6095, 61.7989, 64.2914

Complementary

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

57.3947, 61.7989, 66.6610

57.4484, 59.0317, 64.8692

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.

60.0296, 61.7989, 65.9048

57.3947, 61.7989, 66.6610

59.8068, 61.7989, 69.8027

Square

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

57.3947, 61.7989, 66.6610

58.5185, 61.7989, 71.2402

60.1021, 61.7989, 67.9199

58.9581, 61.7989, 63.4857

Rectangle

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

57.3947, 61.7989, 66.6610

57.7056, 61.7989, 69.8864

60.1021, 61.7989, 67.9199

59.7826, 61.7989, 64.7557

Sweetspot

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

57.3964, 61.8015, 66.6624

93.9644, 99.4581, 108.0470

57.6300, 61.9906, 63.5723

20.1237, 21.2938, 23.1355

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.

57.3964, 61.8015, 66.6624

89.7530, 97.3572, 104.6811

57.5356, 61.4940, 68.5148

12.4808, 13.5870, 14.5862

16.6154, 29.1391, 18.1525

0.9668, 1.6444, 1.2141

Inverse Universe

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

57.4484, 59.0317, 64.8692

89.8604, 91.6307, 100.9739

57.3108, 59.3238, 63.0743

12.4975, 12.6957, 14.0092

17.1139, 8.7184, 5.5061

0.9949, 0.5027, 0.5082

Previews

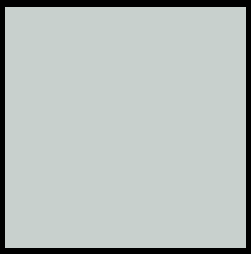
White Background

This preview shows how the XYZ color 57.3947, 61.7989, 66.6610 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



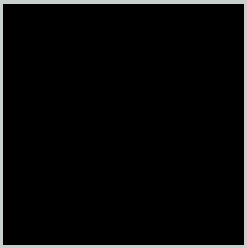
This preview shows how the XYZ color 57.3947, 61.7989, 66.6610 looks on a black background.

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 57.3947, 61.7989, 66.6610 Background



This preview shows how black text looks on a background with the XYZ color 57.3947, 61.7989, 66.6610.

This preview shows how white text looks on a background with the XYZ color 57.3947, 61.7989,

66.6610.

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
57.3947, 61.7989, 66.6610

Protanopia
59.1892, 61.6761, 65.2850

Deuteranopia
62.7372, 61.3594, 67.5684

Tritanopia
59.6447, 61.6331, 77.8600

Trichromacy

Original Color
57.3947, 61.7989, 66.6610

Protanomaly
58.4240, 61.6241, 65.9421

Deuteranomaly
60.5800, 61.2962, 67.0310

Tritanomaly
58.8231, 61.6570, 73.7664

Monochromacy

Original Color
57.3947, 61.7989, 66.6610

Achromatopsia
58.0276, 61.0496, 66.4830

Achromatomaly
57.7194, 61.2469, 66.5373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3947, 61.7989, 66.6610 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(200, 208, 205) looks like.

```
.text, #text, p{
    color:rgb(200, 208, 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(200, 208, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 208, 205) }
```

Border

The CSS property to change the border of an element to XYZ 57.3947, 61.7989, 66.6610 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(200, 208, 205) }
```

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

```
.border{ border-color:rgb(200, 208, 205) }
```

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

Here you see how a box with a 4 pixel rgb(200, 208, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 208, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 208, 205); box-shadow:4px 4px 4px 4px rgb(200, 208, 205) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3947, 61.7989, 66.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(200, 208, 205) }
```

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

```
.background{ background-color:rgb(200,
208, 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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