

Converting Colors

XYZ(60.4252, 62.0045, 65.0705)

Have a look what the booklet for
XYZ(60.4252, 62.0045, 65.0705)
contains.

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Color

**XYZ(60.3967, 61.9446,
65.2732)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CCCB
RGB	215, 204, 203
RGB Percent	84%, 80%, 80%
CMY	0.1569, 0.2000, 0.2039
CMYK	0.00, 0.05, 0.06, 0.16
HSL	5°, 13%, 82%
HSV	5°, 6%, 84%
XYZ	60.3967, 61.9446, 65.2732
YIQ	207.1750, 6.8770, 2.0210

Conversions

Conversions Part 2

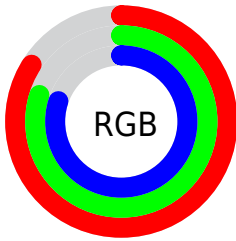
Format	Color
R _Y B	215, 204, 203
Decimal	14142667
CIE Lab	82.88, 3.64, 1.85
CIE LCh	83, 4.082, 26.981
Yxy	61.9446, 0.3219, 0.3302
Android (android.graphics.Color)	4292332747 (0xFFD7CCCB)
YUV	207.1750, -2.0583, 6.8625
Hunter-Lab	78.7049, -0.7559, 5.9218

Details

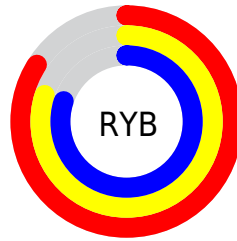
The XYZ color **60.3967, 61.9446, 65.2732** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9408, 65.6950, 73.7592**, and the grayscale version is **59.4322, 62.5273, 68.0922**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8284, 31.4562, 32.8806** is the 20% darker color. If you saturate the color by 10%, you get **53.6203, 52.2112, 51.2380**, and if you desaturate by 10%, it is **68.1244, 73.0103, 81.3801**.

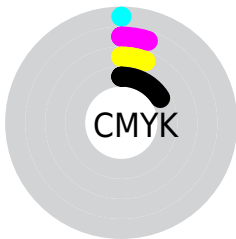
Distribution



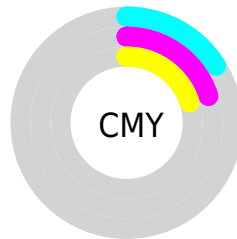
- Red (84%)
- Green (80%)
- Blue (80%)



- Red (84%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3967, 61.9446, 65.2732 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 60.3967, 61.9446, 65.2732 by changing the saturation by 10% instead.

■ 60.3967, 61.9446,
65.2732

■ 60.3967, 61.9446,
65.2732

415.8698,
431.7290, 462.1061

■ 43.9891, 44.9879,
47.2299

104.5080,
107.6455, 114.0596

■ 30.8599, 31.4479,
32.8618

132.9424,
137.1584, 145.6397

■ 20.6435, 20.9402,
21.7503

166.1166,
171.6257, 182.5692

■ 12.9746, 13.0803,
13.4770

204.3957,
211.4315, 225.2667

■ 7.4879, 7.4838,
7.6233

248.1453,
256.9604, 274.1505

■ 3.8181, 3.7665,
3.7705

297.7306,

■ 1.5998, 1.5438,

308.5966, 329.6394

1.5003

353.5170,
366.7247, 392.1517

■ 0.3923, 0.3193,
0.2182

■ 0.0000, 0.0000,
0.0000

■ 60.3967, 61.9446,
65.2732

■ 60.3967, 61.9446,
65.2732

■ 53.6203, 52.2112,
51.2380

■ 68.1244, 73.0103,
81.3801

■ 47.7533, 43.7521,
39.1864

■ 76.8326, 85.4474,
99.6337

■ 42.7586, 36.5169,
29.0303

■ 81.8347, 93.1873,
108.2815

■ 38.5943, 30.4490,
20.6730

■ 35.2153, 25.4871,
14.0097

■ 32.5721, 21.5644,
8.9243

■ 30.6095, 18.6069,
5.2865

■ 29.2643, 16.5308,
2.9447

■ 28.4616, 15.2377,
1.7139

Harmonies

Analogous

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



60.5818, 61.9446, 67.7026



60.3967, 61.9446, 65.2732



59.8030, 61.9446, 63.4664

Triad

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



60.3967, 61.9446, 65.2732



57.4696, 61.9446, 64.8418



58.7874, 61.9446, 72.4011

Complementary

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



60.3967, 61.9446, 65.2732



60.9408, 65.6950, 73.7592

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.



57.9596, 61.9446, 71.5909



60.3967, 61.9446, 65.2732



57.2035, 61.9446, 67.1923

Square

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



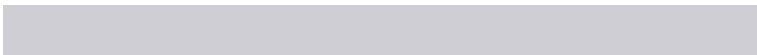
60.3967, 61.9446, 65.2732



58.1124, 61.9446, 63.2217



57.3820, 61.9446, 69.6688



59.6472, 61.9446, 71.8567

Rectangle

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



60.3967, 61.9446, 65.2732



59.2583, 61.9446, 62.8368



57.3820, 61.9446, 69.6688



58.4963, 61.9446, 72.2776

Sweetspot

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



60.3984, 61.9473, 65.2745



92.7668, 96.7302, 104.1417



61.5187, 62.0149, 72.3468



19.8798, 20.7385, 22.3404



0.0000, 0.0000, 0.0000



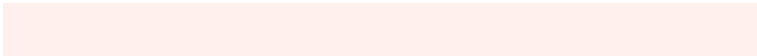
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.3984, 61.9473, 65.2745



87.3101, 88.9073, 92.7948



61.8513, 64.8530, 65.7588



12.7907, 12.9948, 13.5215



16.9229, 8.9630, 0.8381



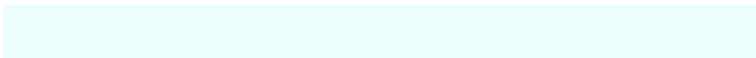
1.0504, 0.5999, 0.0604

Inverse Universe

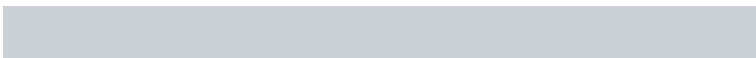
The Inverse Universe completely reimagines the original color for something new.



60.9408, 65.6950, 73.7592



88.3107, 95.8215, 108.4487



59.4511, 62.7155, 73.2627



12.9473, 14.0773, 15.9723



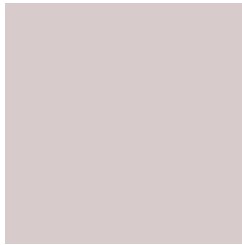
19.3191, 26.8999, 42.6271



1.1920, 1.6761, 2.5800

Previews

White Background



This preview shows how the XYZ color 60.3967, 61.9446, 65.2732 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 60.3967, 61.9446, 65.2732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

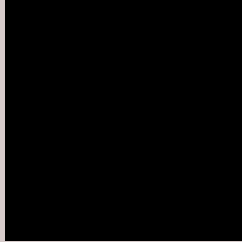
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

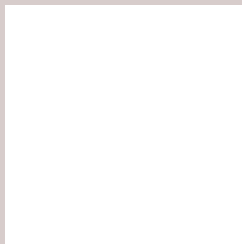
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3967, 61.9446, 65.2732

Background



This preview shows how black text looks on a background with the XYZ color 60.3967, 61.9446, 65.2732.



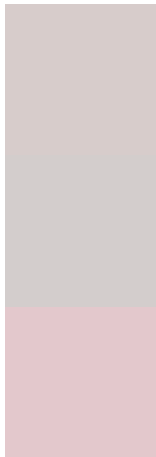
This preview shows how white text looks on a background with the XYZ color 60.3967, 61.9446,

65.2732.

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

60.3967, 61.9446, 65.2732

Protanopia

59.5944, 61.8712, 65.9281

Deuteranopia

63.2319, 61.9991, 65.7611



Tritanopia

62.3907, 62.0547, 75.0191

Trichromacy



Original Color

60.3967, 61.9446, 65.2732

Protanomaly

59.8818, 62.0193, 65.9416

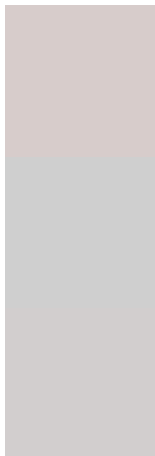
Deuteranomaly

62.2172, 61.8209, 65.7802

Tritanomaly

61.6851, 62.1149, 71.6890

Monochromacy



Original Color

60.3967, 61.9446, 65.2732

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 60.3967, 61.9446, 65.2732 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(215, 204, 203) looks like.

```
.text, #text, p{  
    color:rgb(215, 204, 203)  
}
```

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(215, 204, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 204, 203) }
```

Border

The CSS property to change the border of an element to XYZ 60.3967, 61.9446, 65.2732 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(215, 204, 203) }
```


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

```
.border{ border-color:rgb(215, 204, 203) }
```

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

Here you see how a box with a 4 pixel rgb(215, 204, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 204, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 204, 203);  
box-shadow:4px 4px 4px 4px rgb(215, 204,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3967, 61.9446, 65.2732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 204, 203) }
```

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

```
.background{ background-color: rgb(215,  
204, 203) }
```

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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