

Converting Colors

XYZ(60.8687, 62.7303, 67.0587)

Have a look what the booklet for
XYZ(60.8687, 62.7303, 67.0587)
contains.

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Color

**XYZ(60.9434, 62.8950,
67.3204)**

Conversions

Conversions Part 1

Format	Color
Hex	D6CECE
RGB	214, 206, 206
RGB Percent	84%, 81%, 81%
CMY	0.1608, 0.1921, 0.1922
CMYK	0.00, 0.04, 0.04, 0.16
HSL	0°, 9%, 82%
HSV	0°, 4%, 84%
XYZ	60.9434, 62.8950, 67.3204
YIQ	208.3920, 4.7680, 1.6960

Conversions

Conversions Part 2

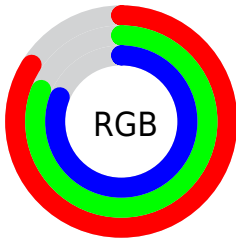
Format	Color
R _Y B	214, 206, 206
Decimal	14077646
CIE Lab	83.39, 2.76, 0.97
CIE LCh	83, 2.928, 19.434
Yxy	62.8950, 0.3188, 0.3290
Android (android.graphics.Color)	4292267726 (0xFFD6CECE)
YUV	208.3920, -1.1793, 4.9182
Hunter-Lab	79.3064, -1.6169, 5.1853

Details

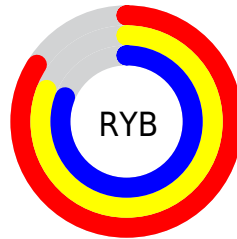
The XYZ color **60.9434, 62.8950, 67.3204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6376, 66.0688, 73.1229**, and the grayscale version is **60.2153, 63.3512, 68.9895**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.1938, 32.0944, 34.2565** is the 20% darker color. If you saturate the color by 10%, you get **53.7153, 52.3194, 52.9462**, and if you desaturate by 10%, it is **69.2298, 75.0192, 83.7953**.

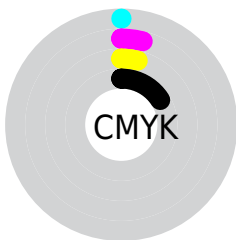
Distribution



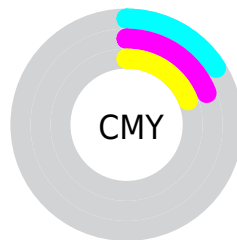
- Red (84%)
- Green (81%)
- Blue (81%)



- Red (84%)
- Yellow (81%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9434, 62.8950, 67.3204 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 60.9434, 62.8950, 67.3204 by changing the saturation by 10% instead.

■ 60.9434, 62.8950,
67.3204

■ 60.9434, 62.8950,
67.3204

417.8457,
435.1883, 469.6169

■ 44.4319, 45.7563,
48.8818

105.2956,
109.0180, 117.0244

■ 31.2095, 32.0535,
34.1608

133.8669,
138.7711, 149.1269

■ 20.9111, 21.4024,
22.7388

167.1888,
173.4977, 186.6211

■ 13.1711, 13.4185,
14.1973

205.6268,
213.5823, 229.9256

■ 7.6243, 7.7173,
8.1177

249.5461,
259.4093, 279.4589

■ 3.9053, 3.9146,
4.0815

299.3121,

■ 1.6487, 1.6259,

311.3630, 335.6395

1.6702

355.2902,
369.8279, 398.8860

■ 0.4238, 0.3750,
0.3402

■ 0.0000, 0.0000,
0.0000

■ 60.9434, 62.8950,
67.3204

■ 60.9434, 62.8950,
67.3204

■ 53.7153, 52.3194,
52.9462

■ 69.2298, 75.0192,
83.7953

■ 47.4980, 43.2223,
40.5843

■ 78.6091, 88.7421,
102.4462

■ 42.2479, 35.5403,
30.1462

■ 81.5419, 93.0363,
108.2678

■ 37.9166, 29.2024,
21.5354

■ 34.4511, 24.1313,
14.6467

■ 31.7934, 20.2420,
9.3643

■ 29.8781, 17.4389,
5.5585

■ 28.6299, 15.6118,
3.0790

■ 27.9574, 14.6271,
1.7442

Harmonies

Analogous

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



60.9931, 62.8950, 69.1278



60.9434, 62.8950, 67.3204



60.5806, 62.8950, 65.8492

Triad

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



60.9434, 62.8950, 67.3204



58.8533, 62.8950, 66.2239



59.5553, 62.8950, 71.9918

Complementary

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



60.9434, 62.8950, 67.3204



61.6376, 66.0688, 73.1229

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.



58.9861, 62.8950, 71.1839



60.9434, 62.8950, 67.3204



58.5827, 62.8950, 67.8401

Square

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



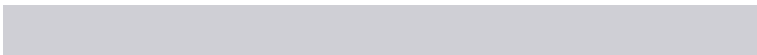
60.9434, 62.8950, 67.3204



59.3728, 62.8950, 65.2240



58.6311, 62.8950, 69.6568



60.1886, 62.8950, 71.8467

Rectangle

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



60.9434, 62.8950, 67.3204



60.2115, 62.8950, 65.2470



58.6311, 62.8950, 69.6568



59.3502, 62.8950, 71.8221

Sweetspot

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



60.9452, 62.8977, 67.3218



93.8344, 98.2214, 106.4828



61.9412, 63.2947, 72.5715



20.0972, 21.0422, 22.8172



0.0000, 0.0000, 0.0000



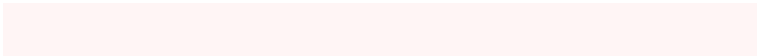
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9452, 62.8977, 67.3218



90.2843, 93.0271, 99.4237



61.9195, 64.8464, 67.6465



13.1877, 13.5395, 14.4225



16.7628, 8.6428, 0.7847



1.0112, 0.5216, 0.0474

Inverse Universe

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



61.6376, 66.0688, 73.1229



91.3949, 98.1134, 108.7285



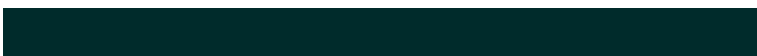
60.6386, 64.0709, 72.7899



13.3776, 14.4093, 16.0137



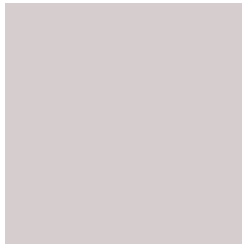
21.8557, 31.9733, 43.4727



1.3184, 1.9288, 2.6221

Previews

White Background



This preview shows how the XYZ color 60.9434, 62.8950, 67.3204 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 60.9434, 62.8950, 67.3204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

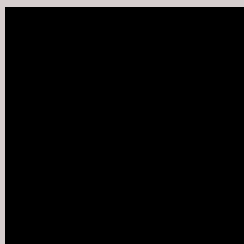
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

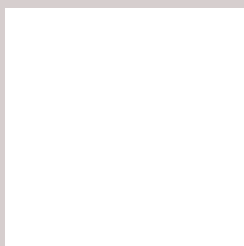
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9434, 62.8950, 67.3204

Background



This preview shows how black text looks on a background with the XYZ color 60.9434, 62.8950, 67.3204.

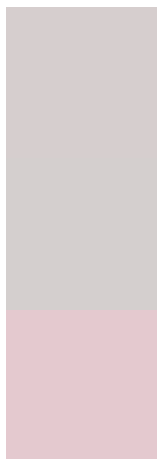


This preview shows how white text looks on a background with the XYZ color 60.9434, 62.8950,

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

60.9434, 62.8950, 67.3204

Protanopia

60.6048, 63.0789, 67.3738

Deuteranopia

64.1440, 62.7723, 67.7670



Tritanopia

62.8300, 62.9520, 76.5496

Trichromacy



Original Color

60.9434, 62.8950, 67.3204

Protanomaly

60.8940, 63.2280, 67.3873

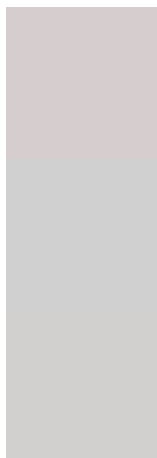
Deuteranomaly

63.0498, 62.9048, 67.8502

Tritanomaly

62.1214, 63.0160, 73.1791

Monochromacy



Original Color

60.9434, 62.8950, 67.3204

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.1537, 62.8323, 67.9889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9434, 62.8950, 67.3204 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(214, 206, 206) looks like.

```
.text, #text, p{  
    color:rgb(214, 206, 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(214, 206, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 206, 206) }
```

Border

The CSS property to change the border of an element to XYZ 60.9434, 62.8950, 67.3204 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(214, 206, 206) }
```


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

```
.border{ border-color:rgb(214, 206, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 206, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 206, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 206, 206);  
box-shadow:4px 4px 4px 4px rgb(214, 206,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9434, 62.8950, 67.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 206, 206) }
```

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

```
.background{ background-color: rgb(214,  
206, 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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