

Converting Colors

XYZ(62.8595, 67.9668, 76.8247)

Have a look what the booklet for
XYZ(62.8595, 67.9668, 76.8247)
contains.

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Color

**XYZ(63.0344, 68.2364,
76.8665)**

Conversions

Conversions Part 1

Format	Color
Hex	CDDADB
RGB	205, 218, 219
RGB Percent	80%, 85%, 86%
CMY	0.1961, 0.1451, 0.1412
CMYK	0.06, 0.00, 0.00, 0.14
HSL	184°, 16%, 83%
HSV	184°, 6%, 86%
XYZ	63.0344, 68.2364, 76.8665
YIQ	214.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

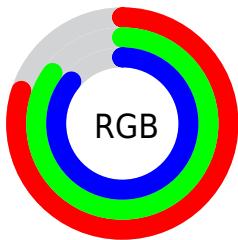
Format	Color
R _Y B	205, 212, 219
Decimal	13490907
CIE Lab	86.12, -4.16, -2.01
CIE LCh	86, 4.620, 205.736
Yxy	68.2364, 0.3029, 0.3278
Android (android.graphics.Color)	4291680987 (0xFFCDDADB)
YUV	214.2270, 2.3531, -8.0921
Hunter-Lab	82.6053, -8.3497, 2.6528

Details

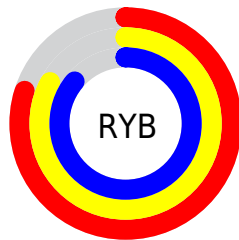
The XYZ color **63.0344, 68.2364, 76.8665** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3044, 63.6099, 66.7528**, and the grayscale version is **64.0595, 67.3956, 73.3938**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5605, 35.4540, 40.2491** is the 20% darker color. If you saturate the color by 10%, you get **57.0093, 64.5349, 76.4706**, and if you desaturate by 10%, it is **69.9128, 72.3872, 77.3062**.

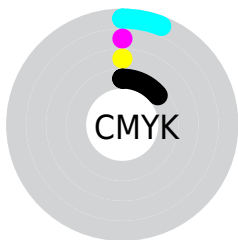
Distribution



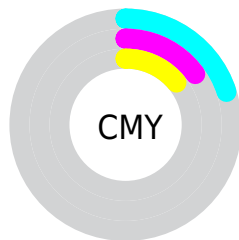
- Red (80%)
- Green (85%)
- Blue (86%)



- Red (80%)
- Yellow (83%)
- Blue (86%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0344, 68.2364, 76.8665 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 63.0344, 68.2364, 76.8665 by changing the saturation by 10% instead.

■ 63.0344, 68.2364,
76.8665

■ 63.0344, 68.2364,
76.8665

425.3520,
454.3331, 503.7343

■ 46.1278, 50.0901,
56.6324

108.3007,
116.6903, 130.7223

■ 32.5517, 35.4850,
40.3028

137.3910,
147.7666, 165.1811

■ 21.9408, 24.0367,
27.4591

171.2734,
183.9217, 205.2185

■ 13.9298, 15.3608,
17.6829

210.3130,
225.5401, 251.2532

■ 8.1532, 9.0730,
10.5555

254.8754,
273.0060, 303.7035

■ 4.2458, 4.7888,
5.6584

305.3257,

■ 1.8421, 2.1239,

326.7038, 362.9881

2.5731

362.0295,
387.0181, 429.5255

■ 0.5428, 0.6780,
0.8785

■ 0.0000, 0.0000,
0.0000

■ 63.0344, 68.2364,
76.8665

■ 63.0344, 68.2364,
76.8665

■ 57.0093, 64.5349,
76.4706

■ 69.9128, 72.3872,
77.3062

■ 51.7966, 61.2559,
76.1125

■ 77.6716, 76.9957,
77.7868

■ 47.3611, 58.3832,
75.7918

■ 80.3291, 78.9800,
78.0297

■ 43.6623, 55.8959,
75.5066

■ 80.7468, 79.8154,
78.1690

■ 40.6564, 53.7714,
75.2550

■ 81.1683, 80.6584,
78.3095

■ 38.2948, 51.9846,
75.0346

■ 81.5937, 81.5091,
78.4513

■ 36.5224, 50.5071,
74.8428

■ 82.0229, 82.3676,
78.5943

■ 35.2751, 49.3058,
74.6767

■ 82.4560, 83.2338,
78.7387

■ 34.4720, 48.3391,
74.5324

■ 82.8930, 84.1078,
78.8844

Harmonies

Analogous

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



62.8414, 68.2364, 73.8638



63.0344, 68.2364, 76.8665



63.7137, 68.2364, 79.2370

Triad

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



63.0344, 68.2364, 76.8665



66.5591, 68.2364, 77.6395



65.0086, 68.2364, 68.6167

Complementary

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



63.0344, 68.2364, 76.8665



62.3044, 63.6099, 66.7528

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.



66.0132, 68.2364, 69.5683



63.0344, 68.2364, 76.8665



66.9146, 68.2364, 74.7335

Square

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



63.0344, 68.2364, 76.8665



65.7475, 68.2364, 79.6918



66.7137, 68.2364, 71.7871



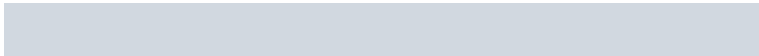
63.9739, 68.2364, 69.1529

Rectangle

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



63.0344, 68.2364, 76.8665



64.3548, 68.2364, 80.1115



66.7137, 68.2364, 71.7871



65.3611, 68.2364, 68.7725

Sweetspot

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



63.0364, 68.2393, 76.8680



93.0828, 98.8141, 108.7748



61.6419, 68.0963, 68.2461



19.9442, 21.1627, 23.2836



0.0000, 0.0000, 0.0000



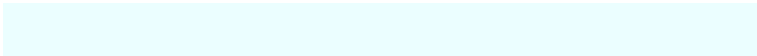
20.3446, 21.4041, 23.3091

Same Dimension

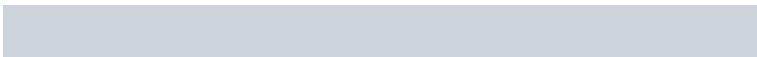
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.0364, 68.2393, 76.8680



87.4775, 95.4111, 108.4134



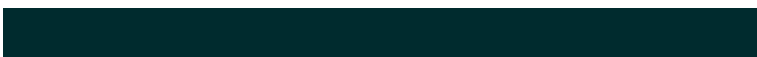
61.2749, 64.7164, 76.2809



13.3614, 14.6626, 16.7781



20.3364, 28.5422, 44.1758



1.3418, 1.8976, 2.8700

Inverse Universe

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



63.7011, 63.7859, 75.2876



88.6510, 87.5747, 105.6179



64.0114, 67.0239, 67.3218



13.5723, 13.2580, 16.2749



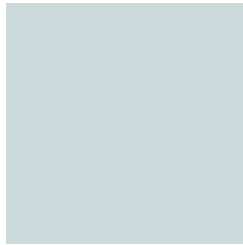
23.7602, 11.5051, 34.7128



1.5515, 0.7503, 2.3134

Previews

White Background



This preview shows how the XYZ color 63.0344, 68.2364, 76.8665 looks on a white background.

Color Contrast Check

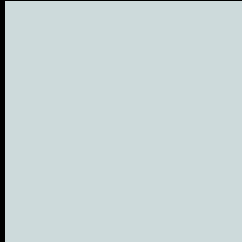
Large Text (above 18pt) WCAG AA × Fail

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 63.0344, 68.2364, 76.8665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

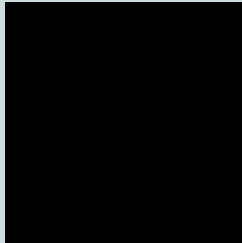
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

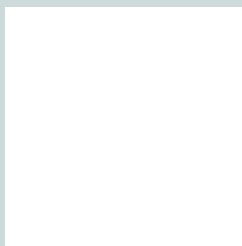
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0344, 68.2364, 76.8665

Background



This preview shows how black text looks on a background with the XYZ color 63.0344, 68.2364, 76.8665.

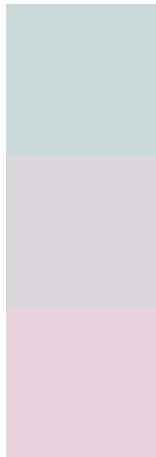


This preview shows how white text looks on a background with the XYZ color 63.0344, 68.2364,

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

63.0344, 68.2364, 76.8665

Protanopia

65.4844, 68.0083, 75.3212

Deuteranopia

69.4559, 68.1450, 77.8992



Tritanopia

64.9960, 68.2603, 86.8407

Trichromacy



Original Color

63.0344, 68.2364, 76.8665

Protanomaly

64.3959, 67.8090, 76.0241

Deuteranomaly

66.8932, 67.9422, 77.2987

Tritanomaly

64.2700, 68.3490, 83.2041

Monochromacy



Original Color

63.0344, 68.2364, 76.8665

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.5591, 67.4076, 74.6268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0344, 68.2364, 76.8665 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(205, 218, 219) looks like.

```
.text, #text, p{  
    color:rgb(205, 218, 219)  
}
```

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(205, 218, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 218, 219) }
```

Border

The CSS property to change the border of an element to XYZ 63.0344, 68.2364, 76.8665 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(205, 218, 219) }
```


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

```
.border{ border-color:rgb(205, 218, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 218, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 218, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 218, 219);  
box-shadow:4px 4px 4px 4px rgb(205, 218,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0344, 68.2364, 76.8665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 218, 219) }
```

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

```
.background{ background-color: rgb(205,  
218, 219) }
```

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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