

Converting Colors

XYZ(63.0632, 67.9934, 66.7668)

Have a look what the booklet for
XYZ(63.0632, 67.9934, 66.7668)
contains.

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Color

**XYZ(63.1525, 68.1315,
66.9489)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D9CC
RGB	213, 217, 204
RGB Percent	84%, 85%, 80%
CMY	0.1647, 0.1490, 0.2000
CMYK	0.02, 0.00, 0.06, 0.15
HSL	78°, 15%, 83%
HSV	78°, 6%, 85%
XYZ	63.1525, 68.1315, 66.9489
YIQ	214.3220, 1.7890, -4.8910

Conversions

Conversions Part 2

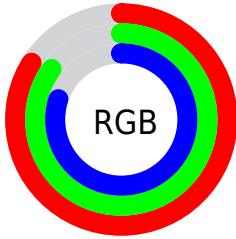
Format	Color
R_{YB}	204, 217, 208
Decimal	14014924
CIE _{Lab}	86.07, -3.66, 5.92
CIE _{LCh}	86, 6.960, 121.764
Yxy	68.1315, 0.3186, 0.3437
Android (android.graphics.Color)	4292205004 (0xFFD5D9CC)
YUV	214.3220, -5.0887, -1.1594
Hunter-Lab	82.5418, -7.8783, 9.6897

Details

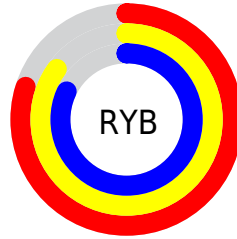
The XYZ color **63.1525, 68.1315, 66.9489** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1323, 61.6072, 74.3713**, and the grayscale version is **64.1674, 67.5091, 73.5174**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5259, 35.3118, 33.9557** is the 20% darker color. If you saturate the color by 10%, you get **58.8311, 66.1858, 54.0937**, and if you desaturate by 10%, it is **67.9202, 70.2693, 81.7209**.

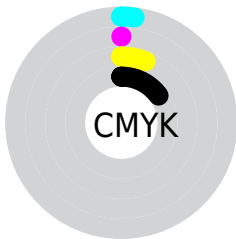
Distribution



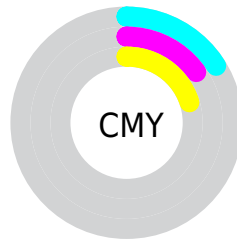
- Red (84%)
- Green (85%)
- Blue (80%)



- Red (80%)
- Yellow (85%)
- Blue (82%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1525, 68.1315, 66.9489 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 63.1525, 68.1315, 66.9489 by changing the saturation by 10% instead.

■ 63.1525, 68.1315,
66.9489

■ 63.1525, 68.1315,
66.9489

425.7736,
453.9618, 468.2594

■ 46.2237, 50.0047,
48.5818

108.4701,
116.5402, 116.4871

■ 32.6278, 35.4172,
33.9246

137.5896,
147.5910, 148.4953

■ 21.9993, 23.9844,
22.5588

171.5033,
183.7185, 185.8876

■ 13.9730, 15.3220,
14.0658

210.5767,
225.3073, 229.0825

■ 8.1835, 9.0457,
8.0272

255.1751,
272.7415, 278.4986

■ 4.2654, 4.7710,
4.0243

305.6638,

■ 1.8533, 2.1135,

326.4058, 334.5544

1.6387

362.4082,
386.6844, 397.6685

■ 0.5495, 0.6722,
0.3182

■ 0.0000, 0.0000,
0.0000

■ 63.1525, 68.1315,
66.9489

■ 63.1525, 68.1315,
66.9489

■ 58.8311, 66.1858,
54.0937

■ 67.9202, 70.2693,
81.7209

■ 54.9346, 64.4170,
43.0721

■ 73.1437, 72.5966,
98.4792

■ 51.4479, 62.8211,
33.8019

■ 76.4840, 74.1801,
104.8948

■ 48.3529, 61.3908,
26.1923

■ 78.7076, 75.3264,
104.9988

■ 45.6298, 60.1180,
20.1447

■ 81.0148, 76.5158,
105.1068

■ 43.2568, 58.9940,
15.5501

■ 83.4064, 77.7487,
105.2187

■ 41.2097, 58.0087,
12.2852

■ 84.1042, 78.1084,
105.2514

■ 39.4599, 57.1509,
10.2065

■ 37.9728, 56.4064,
9.1359

Harmonies

Analogous

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



64.6624, 68.1315, 65.7291



63.1525, 68.1315, 66.9489



62.0869, 68.1315, 70.0969

Triad

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



63.1525, 68.1315, 66.9489



63.3138, 68.1315, 82.2115



67.8777, 68.1315, 73.9130

Complementary

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



63.1525, 68.1315, 66.9489



60.1323, 61.6072, 74.3713

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.



67.5025, 68.1315, 78.4262



63.1525, 68.1315, 66.9489



64.8516, 68.1315, 83.3337

Square

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



63.1525, 68.1315, 66.9489



62.1789, 68.1315, 78.9143



66.3883, 68.1315, 81.9216



67.4053, 68.1315, 69.6459

Rectangle

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



63.1525, 68.1315, 66.9489



61.7627, 68.1315, 72.9299



66.3883, 68.1315, 81.9216



67.8465, 68.1315, 75.4516

Sweetspot

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



63.1544, 68.1344, 66.9504



93.6642, 99.3792, 104.6058



62.0483, 64.1765, 66.2447



20.0626, 21.2778, 22.4349



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.



63.1544, 68.1344, 66.9504



90.3147, 97.8756, 94.3675



61.3346, 67.1963, 66.8652



13.9385, 15.1363, 14.4676



22.7670, 34.0343, 5.3693



1.5615, 2.2495, 0.3519

Inverse Universe

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



60.1323, 61.6072, 74.3713



85.2179, 86.8671, 106.8833



61.9681, 62.5536, 74.4572



13.0975, 13.3198, 16.5328



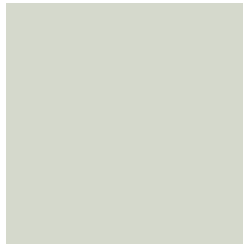
9.0706, 3.8002, 39.9938



0.6744, 0.2909, 2.5951

Previews

White Background



This preview shows how the XYZ color 63.1525, 68.1315, 66.9489 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 63.1525, 68.1315, 66.9489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

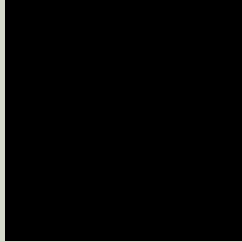
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

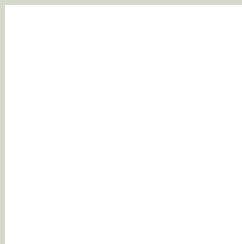
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.1525, 68.1315, 66.9489

Background



This preview shows how black text looks on a background with the XYZ color 63.1525, 68.1315, 66.9489.



This preview shows how white text looks on a background with the XYZ color 63.1525, 68.1315,

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

63.1525, 68.1315, 66.9489

Protanopia

64.9503, 67.9345, 66.1893

Deuteranopia

69.2931, 67.9187, 67.8500



Tritanopia

66.6924, 68.0534, 84.4835

Trichromacy



Original Color

63.1525, 68.1315, 66.9489

Protanomaly

64.2933, 67.9727, 66.2313

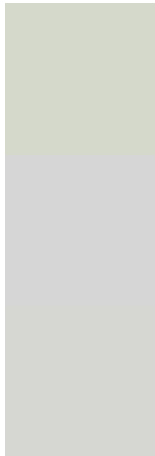
Deuteranomaly

66.9468, 67.8193, 67.3196

Tritanomaly

65.4166, 67.9125, 78.0672

Monochromacy



Original Color

63.1525, 68.1315, 66.9489

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.6649, 67.5502, 70.6558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1525, 68.1315, 66.9489 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(213, 217, 204) looks like.

```
.text, #text, p{  
    color:rgb(213, 217, 204)  
}
```

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(213, 217, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 217, 204) }
```

Border

The CSS property to change the border of an element to XYZ 63.1525, 68.1315, 66.9489 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(213, 217, 204) }
```


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

```
.border{ border-color:rgb(213, 217, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 217, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 217, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 217, 204);  
box-shadow:4px 4px 4px 4px rgb(213, 217,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1525, 68.1315, 66.9489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 217, 204) }
```

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

```
.background{ background-color: rgb(213,  
217, 204) }
```

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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