

Converting Colors

XYZ(63.5764, 69.5496, 65.3319)

Have a look what the booklet for
XYZ(63.5764, 69.5496, 65.3319)
contains.

XYZ(63.5764, 69.5496, 65.3319)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.5764, 69.5496,
65.3319)**

Conversions

Conversions Part 1

Format	Color
Hex	D5DCC9
RGB	213, 220, 201
RGB Percent	84%, 86%, 79%
CMY	0.1647, 0.1372, 0.2118
CMYK	0.03, 0.00, 0.09, 0.14
HSL	82°, 21%, 83%
HSV	82°, 9%, 86%
XYZ	63.5764, 69.5496, 65.3319
YIQ	215.7410, 1.9270, -7.3930

Conversions

Conversions Part 2

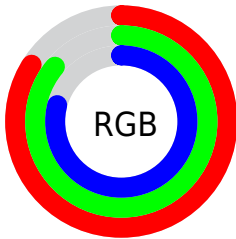
Format	Color
RYB	201, 220, 208
Decimal	14015689
CIELab	86.78, -5.72, 8.51
CIElCh	87, 10.255, 123.912
Yxy	69.5496, 0.3204, 0.3505
Android (android.graphics.Color)	4292205769 (0xFFD5DCC9)
YUV	215.7410, -7.2673, -2.4039
Hunter-Lab	83.3964, -9.8660, 11.9303

Details

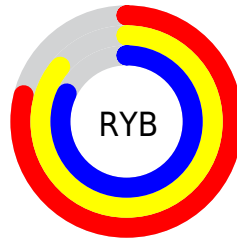
The XYZ color **63.5764, 69.5496, 65.3319** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8200, 60.3524, 76.2101**, and the grayscale version is **65.1426, 68.5351, 74.6347**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8221, 36.2860, 32.8777** is the 20% darker color. If you saturate the color by 10%, you get **58.8786, 67.4077, 52.5562**, and if you desaturate by 10%, it is **68.7664, 71.9064, 80.0685**.

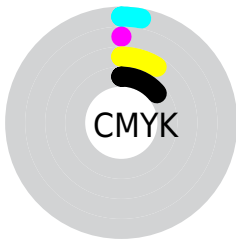
Distribution



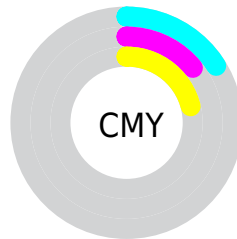
- Red (84%)
- Green (86%)
- Blue (79%)



- Red (79%)
- Yellow (86%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (14%)



- Cyan (16%)
- Magenta (14%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5764, 69.5496, 65.3319 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 63.5764, 69.5496, 65.3319 by changing the saturation by 10% instead.

63.5764, 69.5496,
65.3319

63.5764, 69.5496,
65.3319

427.2848,
458.9670, 462.3225

46.5681, 51.1594,
47.2772

109.0778,
118.5662, 114.1447

32.9008, 36.3355,
32.8989

138.3016,
149.9615, 145.7400

22.2094, 24.6934,
21.7786

172.3279,
186.4606, 182.6858

14.1283, 15.8488,
13.4975

211.5221,
228.4478, 225.4007

8.2922, 9.4172,
7.6373

256.2495,
276.3077, 274.3033

4.3359, 5.0143,
3.7793

306.8756,

1.8939, 2.2557,

330.4246, 329.8121

1.5051

363.7656,
391.1829, 392.3457

■ 0.5733, 0.7501,
0.2217

■ 0.0000, 0.0000,
0.0000

■ 63.5764, 69.5496,
65.3319

■ 63.5764, 69.5496,
65.3319

■ 58.8786, 67.4077,
52.5562

■ 68.7664, 71.9064,
80.0685

■ 54.6498, 65.4647,
41.6541

■ 74.4593, 74.4759,
96.8392

■ 50.8735, 63.7158,
32.5387

■ 78.6790, 76.4701,
105.2211

■ 47.5297, 62.1529,
25.1143

■ 81.4530, 77.9002,
105.3509

■ 44.5968, 60.7670,
19.2760

■ 84.3511, 79.3942,
105.4866

■ 42.0507, 59.5485,
14.9077

■ 84.8846, 79.6692,
105.5115

■ 39.8645, 58.4863,
11.8770

■ 38.0066, 57.5676,
10.0280

■ 36.4301, 56.7732,
9.1243

Harmonies

Analogous

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



65.7921, 69.5496, 63.3531



63.5764, 69.5496, 65.3319



62.0668, 69.5496, 70.0917

Triad

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



63.5764, 69.5496, 65.3319



64.1064, 69.5496, 88.1606



70.7916, 69.5496, 74.8342

Complementary

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



63.5764, 69.5496, 65.3319



59.8200, 60.3524, 76.2101

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.



70.3143, 69.5496, 81.6579



63.5764, 69.5496, 65.3319



66.4185, 69.5496, 89.6170

Square

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



63.5764, 69.5496, 65.3319



62.3676, 69.5496, 83.3026



68.6994, 69.5496, 87.1716



69.9884, 69.5496, 68.6265

Rectangle

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



63.5764, 69.5496, 65.3319



61.6441, 69.5496, 74.3418



68.6994, 69.5496, 87.1716



70.7757, 69.5496, 77.1307

Sweetspot

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



63.5783, 69.5526, 65.3334



92.8129, 98.9862, 102.4936



62.6081, 64.5305, 64.4152



19.7401, 21.1301, 21.5807



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.



63.5783, 69.5526, 65.3334



87.8392, 96.7260, 88.5357



60.9121, 68.1781, 65.2086



13.6728, 15.0116, 13.9025



21.3876, 33.3232, 5.3048



1.4793, 2.2071, 0.3481

Inverse Universe

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



59.8200, 60.3524, 76.2101



81.7702, 81.8688, 106.1002



62.5616, 61.7657, 76.3384



12.7897, 12.8497, 16.4583



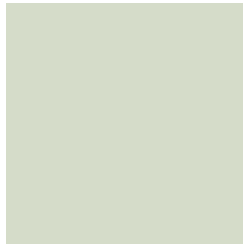
9.6901, 4.1196, 40.0228



0.7209, 0.3149, 2.5972

Previews

White Background



This preview shows how the XYZ color 63.5764, 69.5496, 65.3319 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 63.5764, 69.5496, 65.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

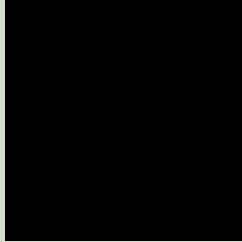
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

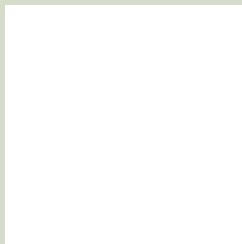
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.5764, 69.5496, 65.3319

Background



This preview shows how black text looks on a background with the XYZ color 63.5764, 69.5496, 65.3319.



This preview shows how white text looks on a background with the XYZ color 63.5764, 69.5496,

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

63.5764, 69.5496, 65.3319

Protanopia

65.9160, 69.2428, 63.9239

Deuteranopia

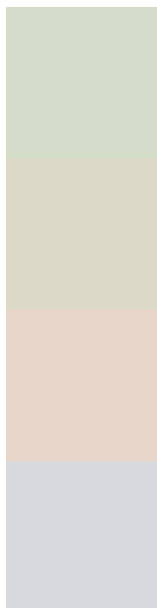
70.7882, 69.4597, 66.1760



Tritanopia

67.7794, 69.3325, 86.1541

Trichromacy



Original Color

63.5764, 69.5496, 65.3319

Protanomaly

65.0570, 69.1680, 64.5655

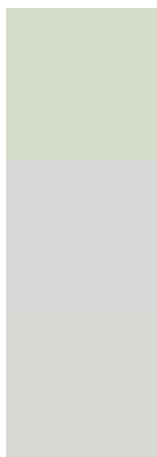
Deuteranomaly

67.9859, 69.5132, 65.7113

Tritanomaly

66.1829, 69.4451, 78.3226

Monochromacy



Original Color

63.5764, 69.5496, 65.3319

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.5951, 68.7759, 71.4986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5764, 69.5496, 65.3319 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, 220, 201) looks like.

```
.text, #text, p{  
    color:rgb(213, 220, 201)  
}
```

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, 220, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 220, 201) }
```

Border

The CSS property to change the border of an element to XYZ 63.5764, 69.5496, 65.3319 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, 220, 201) }
```


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

```
.border{ border-color:rgb(213, 220, 201) }
```

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

Here you see how a box with a 4 pixel rgb(213, 220, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 220, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 220, 201);  
box-shadow:4px 4px 4px 4px rgb(213, 220,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5764, 69.5496, 65.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 220, 201) }
```

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

```
.background{ background-color: rgb(213,  
220, 201) }
```

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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