

Converting Colors

XYZ(65.4385, 73.0189, 65.8795)

Have a look what the booklet for
XYZ(65.4385, 73.0189, 65.8795)
contains.

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Color

**XYZ(65.4705, 72.9059,
65.8799)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E2C9
RGB	214, 226, 201
RGB Percent	84%, 89%, 79%
CMY	0.1608, 0.1137, 0.2118
CMYK	0.05, 0.00, 0.11, 0.11
HSL	89°, 30%, 84%
HSV	89°, 11%, 89%
XYZ	65.4705, 72.9059, 65.8799
YIQ	219.5620, 0.8730, -10.3190

Conversions

Conversions Part 2

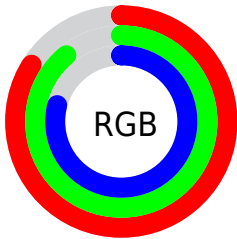
Format	Color
RYB	201, 226, 213
Decimal	14082761
CIELab	88.40, -8.44, 10.85
CIELCh	88, 13.741, 127.875
Yxy	72.9059, 0.3205, 0.3569
Android (android.graphics.Color)	4292272841 (0xFFD6E2C9)
YUV	219.5620, -9.1511, -4.8779
Hunter-Lab	85.3850, -12.5555, 14.0235

Details

The XYZ color **65.4705, 72.9059, 65.8799** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0576, 61.4124, 80.5384**, and the grayscale version is **67.7853, 71.3154, 77.6625**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1274, 38.6033, 33.2562** is the 20% darker color. If you saturate the color by 10%, you get **59.9436, 70.3438, 52.7493**, and if you desaturate by 10%, it is **71.6036, 75.7396, 81.0838**.

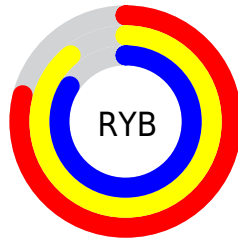
Distribution



Red (84%)

Green (89%)

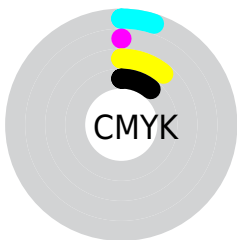
Blue (79%)



Red (79%)

Yellow (89%)

Blue (84%)

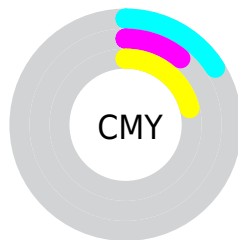


Cyan (5%)

Magenta (0%)

Yellow (11%)

Black (11%)



Cyan (16%)

Magenta (11%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4705, 72.9059, 65.8799 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 65.4705, 72.9059, 65.8799 by changing the saturation by 10% instead.

65.4705, 72.9059,
65.8799

65.4705, 72.9059,
65.8799

433.9994,
470.6886, 464.3397

48.1088, 53.8990,
47.7190

111.7880,
123.3436, 114.9393

34.1247, 38.5209,
33.2460

141.4745,
155.5432, 146.6749

23.1527, 26.3873,
22.0423

175.9999,
192.9092, 183.7726

14.8276, 17.1136,
13.6894

215.7297,
235.8260, 226.6507

8.7840, 10.3155,
7.7687

261.0292,
284.6779, 275.7280

4.6566, 5.6086,
3.8616

312.2637,

2.0799, 2.6086,

339.8494, 331.4229

1.5498

369.7987,
401.7248, 394.1540

■ 0.6782, 0.9310,
0.2546

■ 0.0000, 0.0000,
0.0000

■ 65.4705, 72.9059,
65.8799

■ 65.4705, 72.9059,
65.8799

■ 59.9436, 70.3438,
52.7493

■ 71.6036, 75.7396,
81.0838

■ 54.9959, 68.0348,
41.5975

■ 78.3568, 78.8439,
98.4406

■ 50.6069, 65.9728,
32.3296

■ 83.4481, 81.3086,
105.9037

■ 46.7523, 64.1474,
24.8412

■ 86.4878, 82.8756,
106.0459

■ 43.4061, 62.5478,
19.0175

■ 40.5392, 61.1618,
14.7305

■ 38.1191, 59.9758,
11.8335

■ 36.1075, 58.9740,
10.1511

■ 34.6012, 58.2122,
9.4124

Harmonies

Analogous

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



68.4288, 72.9059, 62.7021



65.4705, 72.9059, 65.8799



63.5795, 72.9059, 72.7304

Triad

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



65.4705, 72.9059, 65.8799



66.9316, 72.9059, 97.4411



75.7746, 72.9059, 76.9175

Complementary

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



65.4705, 72.9059, 65.8799



62.0576, 61.4124, 80.5384

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.



75.3428, 72.9059, 86.4276



65.4705, 72.9059, 65.8799



70.1682, 72.9059, 98.7854

Square

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



65.4705, 72.9059, 65.8799



64.4042, 72.9059, 91.0740



73.2653, 72.9059, 94.6136



74.4270, 72.9059, 68.7364

Rectangle

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



65.4705, 72.9059, 65.8799



63.1433, 72.9059, 78.7099



73.2653, 72.9059, 94.6136



75.8335, 72.9059, 80.0582

Sweetspot

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



65.4725, 72.9091, 65.8815



92.5042, 98.8271, 102.4792



65.6199, 67.8094, 64.8894



19.6568, 21.0871, 21.5768



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.



65.4725, 72.9091, 65.8815



84.5499, 95.1513, 82.9117



62.0532, 71.1463, 65.7215



14.2052, 15.6860, 14.5858



19.8770, 33.2795, 5.3760



1.4810, 2.3600, 0.3775

Inverse Universe

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



62.0576, 61.4124, 80.5384



79.3126, 77.5195, 105.3903



65.7202, 63.3006, 80.7098



13.5751, 13.5645, 17.2904



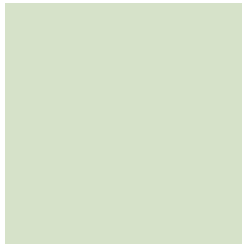
11.5303, 5.0394, 41.4133



0.9022, 0.4024, 2.8754

Previews

White Background



This preview shows how the XYZ color 65.4705, 72.9059, 65.8799 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 65.4705, 72.9059, 65.8799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

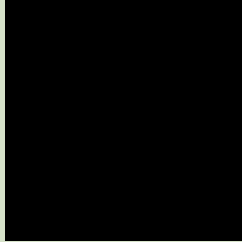
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

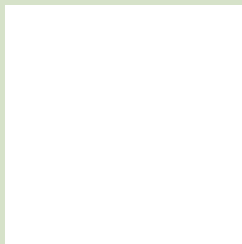
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4705, 72.9059, 65.8799

Background



This preview shows how black text looks on a background with the XYZ color 65.4705, 72.9059, 65.8799.



This preview shows how white text looks on a background with the XYZ color 65.4705, 72.9059, 65.8799.

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

65.4705, 72.9059, 65.8799

Protanopia

69.0045, 72.7790, 63.8369

Deuteranopia

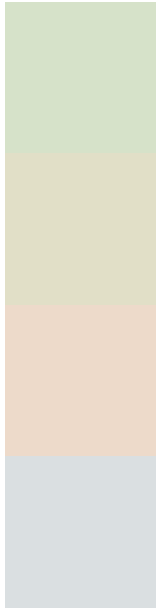
74.2504, 72.7289, 66.6246



Tritanopia

70.8043, 73.1016, 91.2672

Trichromacy



Original Color

65.4705, 72.9059, 65.8799

Protanomaly

67.7478, 72.9064, 64.5345

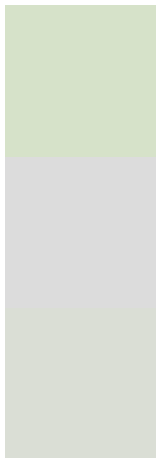
Deuteranomaly

70.6571, 72.4116, 66.1299

Tritanomaly

68.8917, 73.1170, 81.7162

Monochromacy



Original Color

65.4705, 72.9059, 65.8799

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.0450, 71.9521, 73.3053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4705, 72.9059, 65.8799 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, 226, 201) looks like.

```
.text, #text, p{  
    color:rgb(214, 226, 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(214, 226, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 226, 201) }
```

Border

The CSS property to change the border of an element to XYZ 65.4705, 72.9059, 65.8799 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, 226, 201) }
```


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

```
.border{ border-color:rgb(214, 226, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 226, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 226, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 226, 201);  
box-shadow:4px 4px 4px 4px rgb(214, 226,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4705, 72.9059, 65.8799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 226, 201) }
```

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

```
.background{ background-color: rgb(214,  
226, 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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