

Converting Colors

XYZ(65.3941, 71.3642, 67.6542)

Have a look what the booklet for
XYZ(65.3941, 71.3642, 67.6542)
contains.

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Color

**XYZ(65.3393, 71.2011,
67.4262)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DECC
RGB	216, 222, 204
RGB Percent	85%, 87%, 80%
CMY	0.1529, 0.1294, 0.2000
CMYK	0.03, 0.00, 0.08, 0.13
HSL	80°, 21%, 84%
HSV	80°, 8%, 87%
XYZ	65.3393, 71.2011, 67.4262
YIQ	218.1540, 2.2020, -6.8700

Conversions

Conversions Part 2

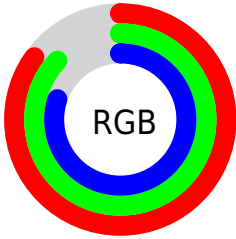
Format	Color
R_{YB}	204, 222, 210
Decimal	14212812
CIE _{Lab}	87.58, -5.20, 8.12
CIE _{LCh}	88, 9.639, 122.617
Yxy	71.2011, 0.3203, 0.3491
Android (android.graphics.Color)	4292402892 (0xFFD8DECC)
YUV	218.1540, -6.9779, -1.8891
Hunter-Lab	84.3807, -9.4468, 11.6896

Details

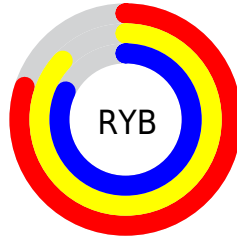
The XYZ color **65.3393, 71.2011, 67.4262** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3587, 62.1632, 77.8757**, and the grayscale version is **66.7940, 70.2725, 76.5268**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0217, 37.4165, 34.2831** is the 20% darker color. If you saturate the color by 10%, you get **60.7265, 69.1112, 54.2875**, and if you desaturate by 10%, it is **70.4342, 73.4998, 82.5717**.

Distribution



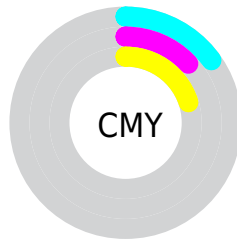
- Red (85%)
- Green (87%)
- Blue (80%)



- Red (80%)
- Yellow (87%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (15%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3393, 71.2011, 67.4262 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 65.3393, 71.2011, 67.4262 by changing the saturation by 10% instead.

■ 65.3393, 71.2011,
67.4262

■ 65.3393, 71.2011,
67.4262

433.5362,
464.7561, 470.0031

■ 48.0020, 52.5063,
48.9673

111.6005,
120.9200, 117.1773

■ 34.0397, 37.4088,
34.2281

141.2551,
152.7130, 149.3067

■ 23.0871, 25.5242,
22.7901

175.7462,
189.6407, 186.8299

■ 14.7789, 16.4680,
14.2348

215.4391,
232.0878, 230.1655

■ 8.7497, 9.8559,
8.1435

260.6992,
280.4384, 279.7321

■ 4.6341, 5.3035,
4.0978

311.8919,

■ 2.0667, 2.4264,

335.0771, 335.9482

1.6792

369.3824,
396.3882, 399.2323

■ 0.6710, 0.8394,
0.3464

■ 0.0000, 0.0000,
0.0000

■ 65.3393, 71.2011,
67.4262

■ 65.3393, 71.2011,
67.4262

■ 60.7265, 69.1112,
54.2875

■ 70.4342, 73.4998,
82.5717

■ 56.5726, 67.2139,
43.0667

■ 76.0217, 76.0047,
99.7985

■ 52.8613, 65.5047,
33.6753

■ 79.5037, 77.6792,
105.4110

■ 49.5726, 63.9754,
26.0157

■ 82.0439, 78.9887,
105.5299

■ 46.6851, 62.6174,
19.9815

■ 84.6876, 80.3515,
105.6536

■ 44.1748, 61.4209,
15.4546

■ 85.4127, 80.7253,
105.6876

■ 42.0150, 60.3750,
12.3006

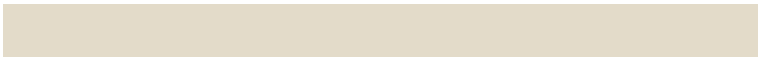
■ 40.1740, 59.4670,
10.3616

■ 38.6077, 58.6789,
9.4119

Harmonies

Analogous

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



67.4745, 71.2011, 65.6501



65.3393, 71.2011, 67.4262



63.8567, 71.2011, 71.8946

Triad

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



65.3393, 71.2011, 67.4262



65.6786, 71.2011, 89.2149



72.1481, 71.2011, 76.9541

Complementary

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



65.3393, 71.2011, 67.4262



61.3587, 62.1632, 77.8757

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.



71.6416, 71.2011, 83.4438



65.3393, 71.2011, 67.4262



67.8749, 71.2011, 90.7538

Square

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



65.3393, 71.2011, 67.4262



64.0494, 71.2011, 84.4910



70.0647, 71.2011, 88.5869



71.4339, 71.2011, 70.9545

Rectangle

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



65.3393, 71.2011, 67.4262



63.4202, 71.2011, 75.9241



70.0647, 71.2011, 88.5869



72.1150, 71.2011, 79.1501

Sweetspot

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



65.3413, 71.2042, 67.4277



93.6167, 99.3547, 104.6035



64.0724, 65.9847, 66.4872



20.0529, 21.2728, 22.4345



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.



65.3413, 71.2042, 67.4277



88.1531, 96.8878, 88.5503



62.7547, 69.8708, 67.3067



14.4045, 15.7887, 14.5951



22.8885, 34.8319, 5.5169



1.6802, 2.4627, 0.3868

Inverse Universe

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



61.3587, 62.1632, 77.8757



81.4690, 81.7135, 106.0862



63.9936, 63.5215, 77.9990



13.3806, 13.4642, 17.2813



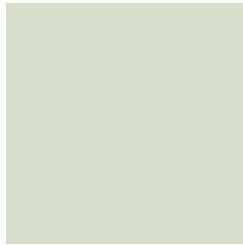
9.6160, 4.0526, 41.3238



0.7592, 0.3287, 2.8687

Previews

White Background



This preview shows how the XYZ color 65.3393, 71.2011, 67.4262 looks on a white background.

Color Contrast Check

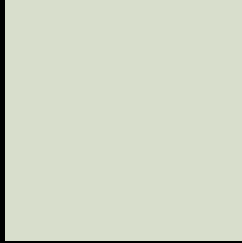
Large Text (above 18pt) WCAG AA × Fail

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 65.3393, 71.2011, 67.4262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

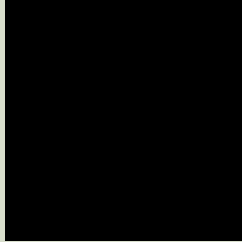
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

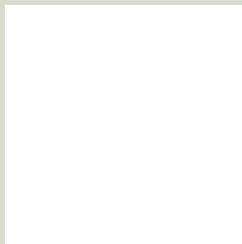
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3393, 71.2011, 67.4262

Background



This preview shows how black text looks on a background with the XYZ color 65.3393, 71.2011, 67.4262.



This preview shows how white text looks on a background with the XYZ color 65.3393, 71.2011, 67.4262.

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

65.3393, 71.2011, 67.4262

Protanopia

67.6707, 71.2582, 66.0647

Deuteranopia

72.6901, 71.1360, 68.2920



Tritanopia

69.6270, 70.9960, 88.6311

Trichromacy



Original Color

65.3393, 71.2011, 67.4262

Protanomaly

66.8041, 71.1862, 66.7193

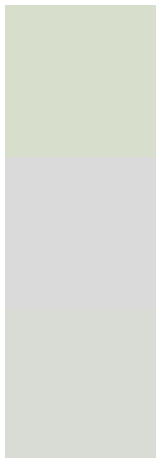
Deuteranomaly

69.8363, 71.1817, 67.8163

Tritanomaly

67.9995, 71.1049, 80.6617

Monochromacy



Original Color

65.3393, 71.2011, 67.4262

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.9570, 70.2188, 73.0281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3393, 71.2011, 67.4262 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(216, 222, 204) looks like.

```
.text, #text, p{  
    color:rgb(216, 222, 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(216, 222, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 222, 204) }
```

Border

The CSS property to change the border of an element to XYZ 65.3393, 71.2011, 67.4262 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(216, 222, 204) }
```


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

```
.border{ border-color:rgb(216, 222, 204) }
```

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

Here you see how a box with a 4 pixel rgb(216, 222, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 222, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 222, 204);  
box-shadow:4px 4px 4px 4px rgb(216, 222,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3393, 71.2011, 67.4262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 222, 204) }
```

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

```
.background{ background-color: rgb(216,  
222, 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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