

Converting Colors

XYZ(66.5577, 73.1441, 56.3584)

Have a look what the booklet for
XYZ(66.5577, 73.1441, 56.3584)
contains.

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Color

**XYZ(66.7335, 73.3608,
56.5418)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E1B9
RGB	225, 225, 185
RGB Percent	88%, 88%, 73%
CMY	0.1176, 0.1176, 0.2745
CMYK	0.00, 0.00, 0.18, 0.12
HSL	60°, 40%, 80%
HSV	60°, 18%, 88%
XYZ	66.7335, 73.3608, 56.5418
YIQ	220.4400, 12.8400, -12.4400

Conversions

Conversions Part 2

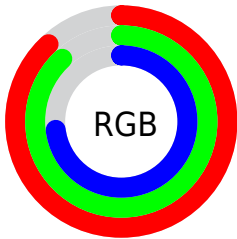
Format	Color
RYB	185, 225, 185
Decimal	14803385
CIELab	88.62, -6.55, 19.62
CIELCh	89, 20.687, 108.455
Yxy	73.3608, 0.3394, 0.3731
Android (android.graphics.Color)	4292993465 (0xFFE1E1B9)
YUV	220.4400, -17.4719, 3.9991
Hunter-Lab	85.6509, -10.8138, 20.8158

Details

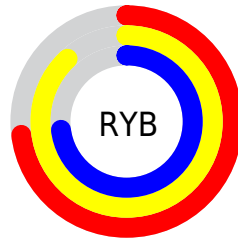
The XYZ color **66.7335, 73.3608, 56.5418** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.9501, 50.4505, 78.2908**, and the grayscale version is **68.4486, 72.0133, 78.4225**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **34.9018, 38.8504, 27.4892** is the 20% darker color. If you saturate the color by 10%, you get **64.5436, 72.4872, 45.0062**, and if you desaturate by 10%, it is **69.3032, 74.3913, 70.0604**.

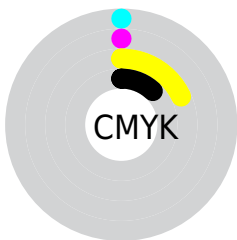
Distribution



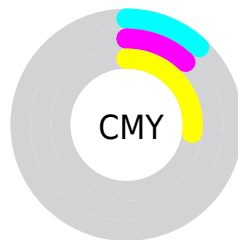
- Red (88%)
- Green (88%)
- Blue (73%)



- Red (73%)
- Yellow (88%)
- Blue (73%)



- Cyan (0%)
- Magenta (0%)
- Yellow (18%)
- Black (12%)



- Cyan (12%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7335, 73.3608, 56.5418 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 66.7335, 73.3608, 56.5418 by changing the saturation by 10% instead.

■ 66.7335, 73.3608,
56.5418

■ 66.7335, 73.3608,
56.5418

438.4430,
472.2643, 429.1757

■ 49.1380, 54.2710,
40.2306

■ 113.5904,
123.9893, 101.2900

■ 34.9439, 38.8184,
27.4032

143.5824,
156.2968, 130.5640

■ 23.7860, 26.6185,
17.6412

178.4374,
193.7790, 164.9961

■ 15.2988, 17.2869,
10.5259

218.5206,
236.8203, 205.0047

■ 9.1171, 10.4393,
5.6389

264.1974,
285.8051, 251.0085

■ 4.8753, 5.6912,
2.5616

315.8331,

■ 2.2083, 2.6582,

341.1177, 303.4258

0.8725

373.7932,
403.1427, 362.6754

■ 0.7471, 0.9560,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.7335, 73.3608,
56.5418

■ 66.7335, 73.3608,
56.5418

■ 64.5436, 72.4872,
45.0062

■ 69.3032, 74.3913,
70.0604

■ 62.7101, 71.7537,
35.3559

■ 72.2635, 75.5755,
85.6440

■ 61.2159, 71.1559,
27.4923

■ 75.6317, 76.9229,
103.3759

■ 60.0401, 70.6855,
21.3056

■ 76.0320, 77.0831,
105.4789

■ 59.1597, 70.3332,
16.6742

■ 76.0329, 77.0836,
105.4790

■ 58.5484, 70.0886,
13.4601

■ 76.0338, 77.0840,
105.4790

■ 58.1755, 69.9393,
11.5008

■ 76.0347, 77.0845,
105.4791

■ 57.9983, 69.8683,
10.5726

■ 76.0356, 77.0850,
105.4791

■ 57.9707, 69.8573,
10.4284

■ 76.0366, 77.0855,
105.4792

Harmonies

Analogous

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



71.6655, 73.3608, 55.8637



66.7335, 73.3608, 56.5418



62.7891, 73.3608, 63.0022

Triad

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



66.7335, 73.3608, 56.5418



63.5548, 73.3608, 102.2618



79.5579, 73.3608, 85.5050

Complementary

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



66.7335, 73.3608, 56.5418



50.9501, 50.4505, 78.2908

Split Complementary

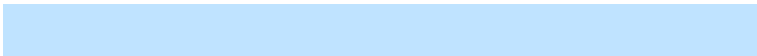
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.1585, 73.3608, 99.5253



66.7335, 73.3608, 56.5418



67.8243, 73.3608, 109.9422

Square

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



66.7335, 73.3608, 56.5418



61.0151, 73.3608, 88.8967



72.8092, 73.3608, 108.8849



79.2315, 73.3608, 71.4899

Rectangle

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



66.7335, 73.3608, 56.5418



61.1772, 73.3608, 70.2041



72.8092, 73.3608, 108.8849



79.0389, 73.3608, 90.4009

Sweetspot

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



66.7354, 73.3640, 56.5434



93.0640, 99.2055, 98.4450



57.1597, 54.2101, 53.3510



19.8621, 21.2111, 20.7689



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.



66.7354, 73.3640, 56.5434



87.5931, 97.0169, 69.6458



60.8618, 70.3361, 56.2685



14.8716, 16.0295, 14.6170



33.4035, 40.2527, 6.0090



2.3154, 2.7901, 0.4165

Inverse Universe

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



50.9501, 50.4505, 78.2908



63.2522, 61.6844, 103.1803



56.1187, 53.1150, 78.5327



12.9523, 13.2434, 17.2613



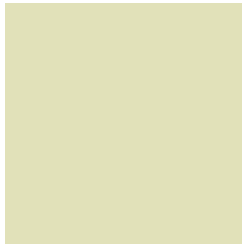
7.8318, 3.1328, 41.2403



0.5429, 0.2172, 2.8585

Previews

White Background



This preview shows how the XYZ color 66.7335, 73.3608, 56.5418 looks on a white background.

Color Contrast Check

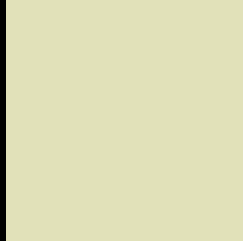
Large Text (above 18pt) WCAG AA × Fail

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 66.7335, 73.3608, 56.5418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

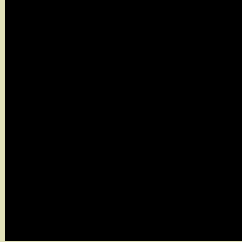
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

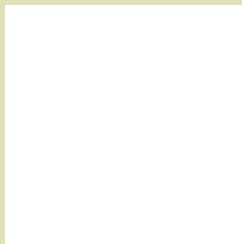
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7335, 73.3608, 56.5418

Background



This preview shows how black text looks on a background with the XYZ color 66.7335, 73.3608, 56.5418.



This preview shows how white text looks on a background with the XYZ color 66.7335, 73.3608,

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

66.7335, 73.3608, 56.5418

Protanopia

68.9295, 73.3236, 55.3196

Deuteranopia

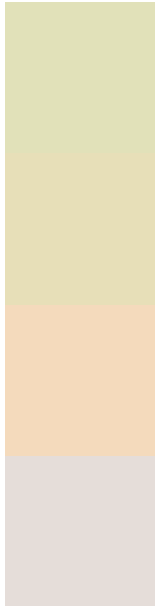
74.4719, 73.0273, 58.3147



Tritanopia

73.3455, 73.2968, 88.8792

Trichromacy



Original Color

66.7335, 73.3608, 56.5418

Protanomaly

67.9944, 73.2250, 55.8975

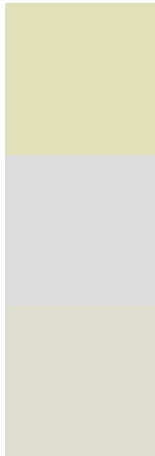
Deuteranomaly

71.4567, 73.0067, 57.9025

Tritanomaly

70.6939, 73.3807, 76.0836

Monochromacy



Original Color

66.7335, 73.3608, 56.5418

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.5080, 72.2771, 69.4243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7335, 73.3608, 56.5418 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(225, 225, 185)` looks like.

```
.text, #text, p{  
    color:rgb(225, 225, 185)  
}
```

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(225, 225, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 225, 185) }
```

Border

The CSS property to change the border of an element to XYZ 66.7335, 73.3608, 56.5418 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(225, 225, 185) }
```


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

```
.border{ border-color:rgb(225, 225, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 225, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 225, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 225, 185); box-shadow:4px 4px 4px 4px rgb(225, 225, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7335, 73.3608, 56.5418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 225, 185) }
```

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

```
.background{ background-color: rgb(225,  
225, 185) }
```

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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