

Converting Colors

XYZ(68.0956, 73.3021, 64.6253)

Have a look what the booklet for
XYZ(68.0956, 73.3021, 64.6253)
contains.

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Color

**XYZ(68.3285, 73.6036,
64.6384)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E0C7
RGB	226, 224, 199
RGB Percent	89%, 88%, 78%
CMY	0.1137, 0.1215, 0.2196
CMYK	0.00, 0.01, 0.12, 0.11
HSL	56°, 32%, 83%
HSV	56°, 12%, 89%
XYZ	68.3285, 73.6036, 64.6384
YIQ	221.7480, 9.2170, -7.3510

Conversions

Conversions Part 2

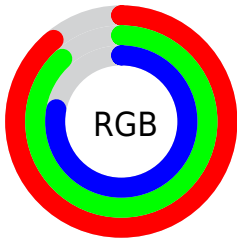
Format	Color
R _Y B	201, 226, 199
Decimal	14868679
CIE Lab	88.73, -3.53, 12.49
CIE LCh	89, 12.978, 105.796
Yxy	73.6036, 0.3308, 0.3563
Android (android.graphics.Color)	4293058759 (0xFFE2E0C7)
YUV	221.7480, -11.2148, 3.7290
Hunter-Lab	85.7925, -7.9726, 15.3841

Details

The XYZ color **68.3285, 73.6036, 64.6384** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1672, 59.4053, 80.3528**, and the grayscale version is **69.3271, 72.9375, 79.4290**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0934, 39.0782, 32.4286** is the 20% darker color. If you saturate the color by 10%, you get **65.4511, 71.7403, 51.6805**, and if you desaturate by 10%, it is **71.6041, 75.6381, 79.6534**.

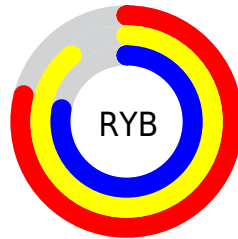
Distribution



Red (89%)

Green (88%)

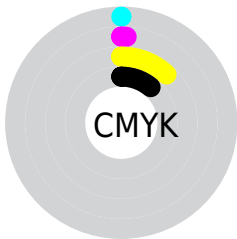
Blue (78%)



Red (79%)

Yellow (89%)

Blue (78%)

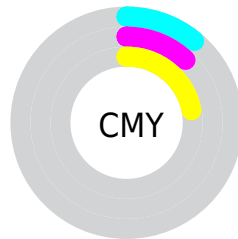


Cyan (0%)

Magenta (1%)

Yellow (12%)

Black (11%)



Cyan (11%)

Magenta (12%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.3285, 73.6036, 64.6384 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 68.3285, 73.6036, 64.6384 by changing the saturation by 10% instead.

■ 68.3285, 73.6036,
64.6384

■ 68.3285, 73.6036,
64.6384

444.0175,
473.1041, 459.7620

■ 50.4397, 54.4697,
46.7184

115.8613,
124.3337, 113.1381

■ 35.9821, 38.9773,
32.4604

146.2360,
156.6987, 144.5550

■ 24.5904, 26.7420,
21.4457

181.5033,
194.2428, 181.3079

■ 15.8993, 17.3796,
13.2557

222.0287,
237.3504, 223.8154

■ 9.5433, 10.5055,
7.4721

268.1775,
286.4060, 272.4960

■ 5.1571, 5.7354,
3.6762

320.3149,

■ 2.3755, 2.6849,

341.7939, 327.7683

1.4494

378.8065,
403.8984, 390.0507

■ 0.8329, 0.9695,
0.1798

■ 0.0000, 0.0000,
0.0000

■ 68.3285, 73.6036,
64.6384

■ 68.3285, 73.6036,
64.6384

■ 65.4511, 71.7403,
51.6805

■ 71.6041, 75.6381,
79.6534

■ 62.9487, 70.0317,
40.6849

■ 75.2880, 77.8405,
96.8053

■ 60.8049, 68.4735,
31.5563

■ 77.4381, 79.4365,
105.8591

■ 58.9999, 67.0577,
24.1895

■ 77.9026, 80.3654,
106.0139

■ 57.5115, 65.7757,
18.4691

■ 78.3715, 81.3032,
106.1702

■ 56.3154, 64.6175,
14.2659

■ 78.8448, 82.2499,
106.3280

■ 55.3832, 63.5718,
11.4312

■ 79.3227, 83.2056,
106.4873

■ 54.6810, 62.6250,
9.7868

■ 79.8050, 84.1703,
106.6481

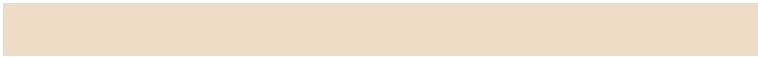
■ 54.2382, 61.9166,
9.0924

■ 80.2918, 85.1439,
106.8103

Harmonies

Analogous

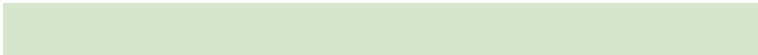
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.4490, 73.6036, 64.5308



68.3285, 73.6036, 64.6384



65.7214, 73.6036, 68.6880

Triad

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



68.3285, 73.6036, 64.6384



65.8352, 73.6036, 93.1777



75.9715, 73.6036, 84.4570

Complementary

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



68.3285, 73.6036, 64.6384



58.1672, 59.4053, 80.3528

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.



74.3728, 73.6036, 92.8030



68.3285, 73.6036, 64.6384



68.4879, 73.6036, 98.0869

Square

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



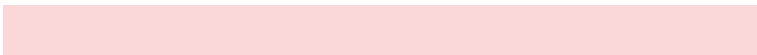
68.3285, 73.6036, 64.6384



64.3116, 73.6036, 84.9379



71.6132, 73.6036, 97.9449



75.9257, 73.6036, 75.5297

Rectangle

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



68.3285, 73.6036, 64.6384



64.5980, 73.6036, 73.2641



71.6132, 73.6036, 97.9449



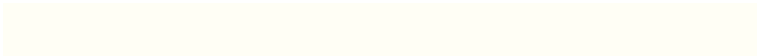
75.6066, 73.6036, 87.4370

Sweetspot

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



68.3305, 73.6068, 64.6400



93.2109, 98.8803, 100.3993



62.3604, 61.2454, 63.9484



19.8790, 21.1203, 21.1583



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.



68.3305, 73.6068, 64.6400



88.9898, 96.2385, 81.1107



65.4569, 72.9263, 64.6601



14.7805, 15.8470, 14.5865



30.9809, 35.3997, 5.2000



2.1737, 2.5062, 0.3692

Inverse Universe

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



58.1672, 59.4053, 80.3528



73.4587, 74.5365, 105.1230



60.8014, 60.0772, 80.3437



13.0330, 13.4051, 17.2882



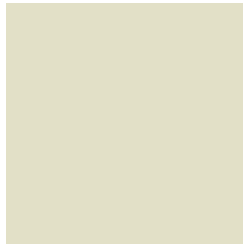
7.9755, 3.4205, 41.2882



0.5817, 0.2949, 2.8715

Previews

White Background



This preview shows how the XYZ color 68.3285, 73.6036, 64.6384 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 68.3285, 73.6036, 64.6384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

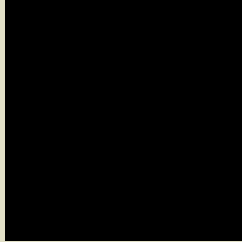
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

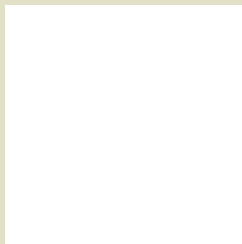
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.3285, 73.6036, 64.6384

Background



This preview shows how black text looks on a background with the XYZ color 68.3285, 73.6036, 64.6384.



This preview shows how white text looks on a background with the XYZ color 68.3285, 73.6036,

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

68.3285, 73.6036, 64.6384

Protanopia

69.5930, 73.4756, 63.9403

Deuteranopia

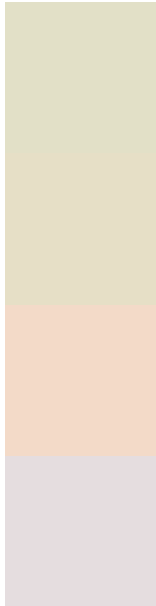
74.9879, 73.5134, 65.4955



Tritanopia

73.4268, 73.7081, 89.7140

Trichromacy



Original Color

68.3285, 73.6036, 64.6384

Protanomaly

69.2138, 73.6756, 63.9989

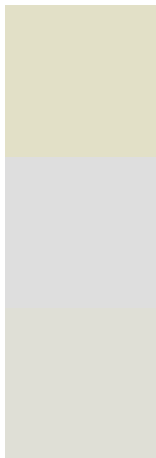
Deuteranomaly

72.4589, 73.3676, 64.9860

Tritanomaly

71.4888, 73.6986, 80.2694

Monochromacy



Original Color

68.3285, 73.6036, 64.6384

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.9567, 73.3184, 74.1358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3285, 73.6036, 64.6384 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(226, 224, 199)` looks like.

```
.text, #text, p{  
    color:rgb(226, 224, 199)  
}
```

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(226, 224, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 224, 199) }
```

Border

The CSS property to change the border of an element to XYZ 68.3285, 73.6036, 64.6384 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(226, 224, 199) }
```


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

```
.border{ border-color:rgb(226, 224, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 224, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 224, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 224, 199);  
box-shadow:4px 4px 4px 4px rgb(226, 224,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3285, 73.6036, 64.6384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 224, 199) }
```

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

```
.background{ background-color: rgb(226,  
224, 199) }
```

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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