

Converting Colors

XYZ(73.5125, 78.5845, 76.5665)

Have a look what the booklet for
XYZ(73.5125, 78.5845, 76.5665)
contains.

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Color

**XYZ(73.3246, 78.3745,
76.2289)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E6D8
RGB	230, 230, 216
RGB Percent	90%, 90%, 85%
CMY	0.0980, 0.0980, 0.1529
CMYK	0.00, 0.00, 0.06, 0.10
HSL	60°, 22%, 87%
HSV	60°, 6%, 90%
XYZ	73.3246, 78.3745, 76.2289
YIQ	228.4040, 4.4940, -4.3540

Conversions

Conversions Part 2

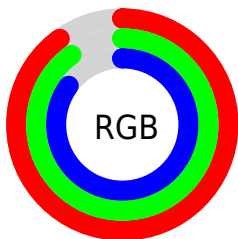
Format	Color
RYB	216, 230, 216
Decimal	15132376
CIELab	90.95, -2.42, 6.81
CIElCh	91, 7.226, 109.583
Yxy	78.3745, 0.3217, 0.3439
Android (android.graphics.Color)	4293322456 (0xFFE6E6D8)
YUV	228.4040, -6.1152, 1.3997
Hunter-Lab	88.5294, -7.0835, 10.9184

Details

The XYZ color **73.3246, 78.3745, 76.2289** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.1607, 69.4259, 84.7279**, and the grayscale version is **74.0816, 77.9396, 84.8762**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2186, 42.2318, 39.8027** is the 20% darker color. If you saturate the color by 10%, you get **70.5553, 77.2690, 61.6485**, and if you desaturate by 10%, it is **76.5146, 79.6533, 93.0050**.

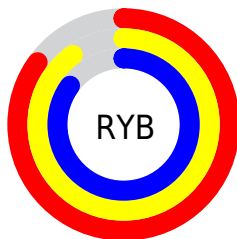
Distribution



Red (90%)

Green (90%)

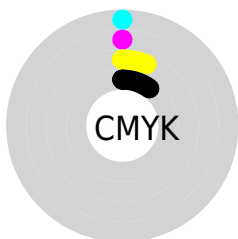
Blue (85%)



Red (85%)

Yellow (90%)

Blue (85%)

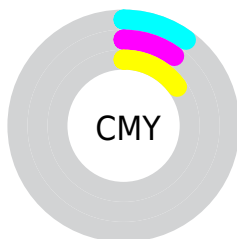


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (10%)



Cyan (10%)

Magenta (10%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3246, 78.3745, 76.2289 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 73.3246, 78.3745, 76.2289 by changing the saturation by 10% instead.

73.3246, 78.3745,
76.2289

73.3246, 78.3745,
76.2289

461.2254,
489.4377, 501.4986

54.5307, 58.3817,
56.1124

122.9386,
131.0779, 129.8135

39.2585, 42.1156,
39.8885

154.4894,
164.5573, 164.1187

27.1425, 29.1918,
27.1385

191.0232,
203.3010, 203.9905

17.8174, 19.2260,
17.4439

232.9055,
247.6933, 249.8476

10.9179, 11.8337,
10.3862

280.5015,
298.1188, 302.1084

6.0785, 6.6305,
5.5468

334.1765,

2.9340, 3.2321,

354.9618, 361.1914

2.5072

394.2961,
418.6066, 427.5153

■ 1.1190, 1.2541,
0.8440

■ 0.0409, 0.1052,
0.0000

■ 73.3246, 78.3745,
76.2289

■ 73.3246, 78.3745,
76.2289

■ 70.5553, 77.2690,
61.6485

■ 76.5146, 79.6533,
93.0050

■ 68.1829, 76.3198,
49.1681

■ 78.9866, 80.6424,
106.0102

■ 66.1912, 75.5229,
38.6925

■ 78.9890, 80.6436,
106.0103

■ 64.5605, 74.8703,
30.1173

■ 78.9913, 80.6448,
106.0105

63.2690, 74.3534,
23.3286

78.9937, 80.6461,
106.0106

62.2928, 73.9627,
18.2004

78.9961, 80.6473,
106.0107

61.6049, 73.6872,
14.5903

78.9984, 80.6485,
106.0108

61.1736, 73.5145,
12.3318

79.0008, 80.6497,
106.0109

60.9599, 73.4287,
11.2186

79.0032, 80.6509,
106.0110

Harmonies

Analogous

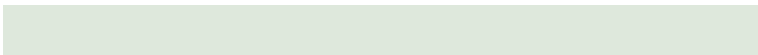
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1278, 78.3745, 75.8446



73.3246, 78.3745, 76.2289



71.8572, 78.3745, 78.9958

Triad

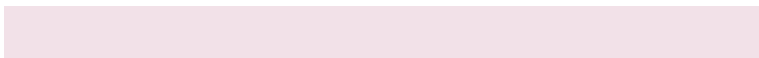
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3246, 78.3745, 76.2289



72.2444, 78.3745, 93.2050



77.9914, 78.3745, 87.1633

Complementary

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



73.3246, 78.3745, 76.2289



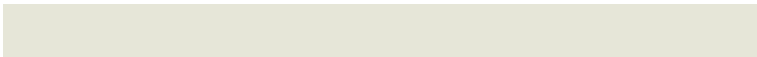
67.1607, 69.4259, 84.7279

Split Complementary

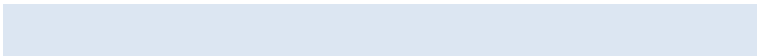
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.1917, 78.3745, 92.0077



73.3246, 78.3745, 76.2289



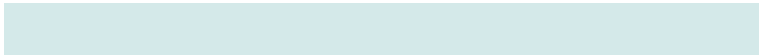
73.8610, 78.3745, 95.5890

Square

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



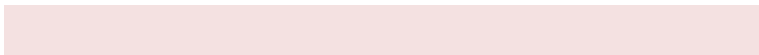
73.3246, 78.3745, 76.2289



71.2406, 78.3745, 88.7436



75.6730, 78.3745, 95.1421



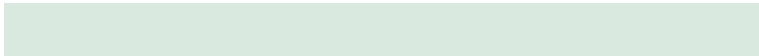
77.8421, 78.3745, 82.0178

Rectangle

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



73.3246, 78.3745, 76.2289



71.2576, 78.3745, 81.8843



75.6730, 78.3745, 95.1421



77.8241, 78.3745, 88.8844

Sweetspot

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



73.3268, 78.3779, 76.2306



94.2390, 99.6755, 104.6327



69.5861, 70.8945, 74.9833



20.1795, 21.3381, 22.4404



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.



73.3268, 78.3779, 76.2306



92.3059, 98.9021, 94.4607



71.1258, 77.2433, 76.1276



15.7185, 16.8639, 15.9453



34.4819, 41.5576, 6.2040



2.5482, 3.0710, 0.4585

Inverse Universe

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



67.1607, 69.4259, 84.7279



83.3547, 85.9066, 106.7961



69.2726, 70.5146, 84.8267



14.0832, 14.4898, 18.1989



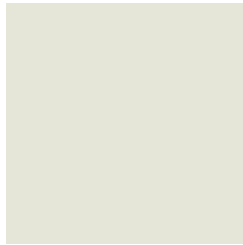
8.0869, 3.2348, 42.5813



0.5977, 0.2391, 3.1466

Previews

White Background



This preview shows how the XYZ color 73.3246, 78.3745, 76.2289 looks on a white background.

Color Contrast Check

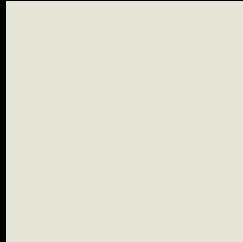
Large Text (above 18pt) WCAG AA × Fail

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 73.3246, 78.3745, 76.2289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

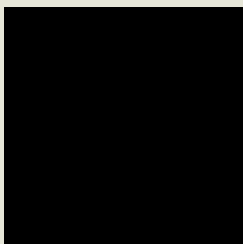
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

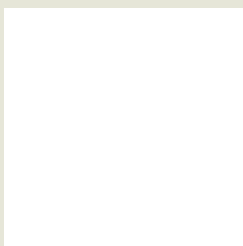
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3246, 78.3745, 76.2289

Background



This preview shows how black text looks on a background with the XYZ color 73.3246, 78.3745, 76.2289.

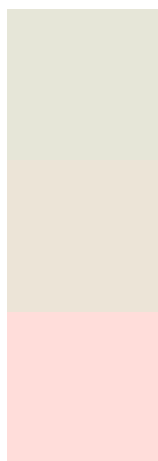


This preview shows how white text looks on a background with the XYZ color 73.3246, 78.3745,

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

73.3246, 78.3745, 76.2289

Protanopia

74.6012, 78.2260, 75.4572

Deuteranopia

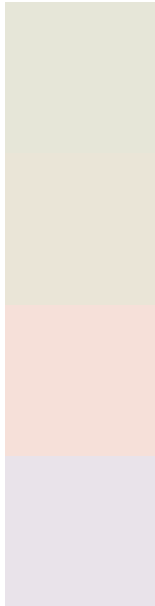
79.7513, 78.0349, 77.1886



Tritanopia

77.4572, 78.4168, 96.6415

Trichromacy



Original Color

73.3246, 78.3745, 76.2289

Protanomaly

74.2167, 78.4373, 75.5183

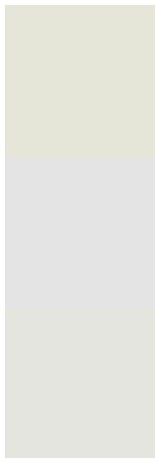
Deuteranomaly

77.1861, 77.9139, 76.6164

Tritanomaly

75.9246, 78.2023, 88.9348

Monochromacy



Original Color

73.3246, 78.3745, 76.2289

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.7870, 78.0785, 81.7027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3246, 78.3745, 76.2289 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(230, 230, 216) looks like.

```
.text, #text, p{  
    color:rgb(230, 230, 216)  
}
```

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(230, 230, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 230, 216) }
```

Border

The CSS property to change the border of an element to XYZ 73.3246, 78.3745, 76.2289 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(230, 230, 216) }
```


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

```
.border{ border-color:rgb(230, 230, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 230, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 230, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 230, 216);  
box-shadow:4px 4px 4px 4px rgb(230, 230,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3246, 78.3745, 76.2289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 230, 216) }
```

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

```
.background{ background-color: rgb(230,  
230, 216) }
```

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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