

Converting Colors

XYZ(66.7608, 73.3435, 77.1454)

Have a look what the booklet for
XYZ(66.7608, 73.3435, 77.1454)
contains.

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Color

**XYZ(66.7152, 73.3036,
76.9624)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E2DA
RGB	211, 226, 218
RGB Percent	83%, 89%, 85%
CMY	0.1725, 0.1137, 0.1451
CMYK	0.07, 0.00, 0.04, 0.11
HSL	148°, 21%, 86%
HSV	148°, 7%, 89%
XYZ	66.7152, 73.3036, 76.9624
YIQ	220.6030, -6.3720, -5.6680

Conversions

Conversions Part 2

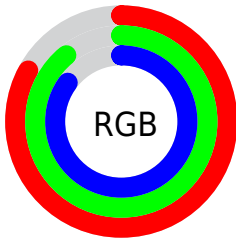
Format	Color
RYP	211, 221, 226
Decimal	13886170
CIE Lab	88.59, -6.47, 2.17
CIE LCh	89, 6.827, 161.427
Yxy	73.3036, 0.3075, 0.3378
Android (android.graphics.Color)	4292076250 (0xFFD3E2DA)
YUV	220.6030, -1.2833, -8.4218
Hunter-Lab	85.6175, -10.7392, 6.6359

Details

The XYZ color **66.7152, 73.3036, 76.9624** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.4472, 67.8736, 76.5674**, and the grayscale version is **68.4626, 72.0280, 78.4385**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8841, 38.8381, 40.3082** is the 20% darker color. If you saturate the color by 10%, you get **59.1697, 69.5915, 68.6718**, and if you desaturate by 10%, it is **75.2899, 77.5371, 85.9033**.

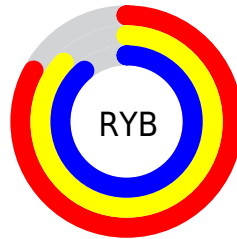
Distribution



Red (83%)

Green (89%)

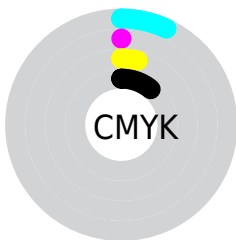
Blue (85%)



Red (83%)

Yellow (87%)

Blue (89%)

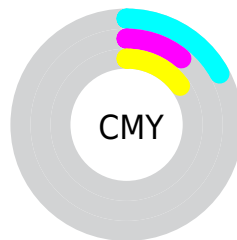


Cyan (7%)

Magenta (0%)

Yellow (4%)

Black (11%)



Cyan (17%)

Magenta (11%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7152, 73.3036, 76.9624 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 66.7152, 73.3036, 76.9624 by changing the saturation by 10% instead.

■ 66.7152, 73.3036,
76.9624

■ 66.7152, 73.3036,
76.9624

438.3788,
472.0664, 504.0701

■ 49.1231, 54.2242,
56.7106

113.5643,
123.9081, 130.8589

■ 34.9320, 38.7810,
40.3652

143.5519,
156.2021, 165.3408

■ 23.7768, 26.5894,
27.5074

178.4021,
193.6697, 205.4031

■ 15.2920, 17.2651,
17.7189

218.4802,
236.6953, 251.4643

■ 9.1122, 10.4237,
10.5810

264.1516,
285.6634, 303.9431

■ 4.8721, 5.6808,
5.6752

315.7816,

■ 2.2064, 2.6519,

340.9584, 363.2580

2.5831

373.7355,
402.9646, 429.8275

■ 0.7461, 0.9528,
0.8837

■ 0.0000, 0.0000,
0.0000

■ 66.7152, 73.3036,
76.9624

■ 66.7152, 73.3036,
76.9624

■ 59.1697, 69.5915,
68.6718

■ 75.2899, 77.5371,
85.9033

■ 52.6071, 66.3711,
61.0122

■ 84.4819, 82.0732,
95.4830

■ 46.9864, 63.6236,
53.9700

■ 86.3544, 82.8222,
105.3434

■ 42.2616, 61.3255,
47.5295

■ 86.4878, 82.8756,
106.0459

■ 38.3823, 59.4512,
41.6745

■ 35.2930, 57.9725,
36.3876

■ 32.9313, 56.8574,
31.6506

■ 31.2242, 56.0687,
27.4443

■ 30.0801, 55.5595,
23.7475

Harmonies

Analogous

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



67.5994, 73.3036, 73.2090



66.7152, 73.3036, 76.9624



66.6161, 73.3036, 81.6247

Triad

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



66.7152, 73.3036, 76.9624



70.3019, 73.3036, 89.0347



72.0733, 73.3036, 73.9658

Complementary

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



66.7152, 73.3036, 76.9624



67.4472, 67.8736, 76.5674

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.



72.8218, 73.3036, 78.0325



66.7152, 73.3036, 76.9624



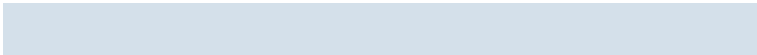
71.7884, 73.3036, 86.8072

Square

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



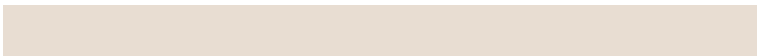
66.7152, 73.3036, 76.9624



68.6695, 73.3036, 88.7206



72.7167, 73.3036, 82.7376



70.6860, 73.3036, 71.5265

Rectangle

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



66.7152, 73.3036, 76.9624



67.0066, 73.3036, 84.6359



72.7167, 73.3036, 82.7376



72.4090, 73.3036, 75.1810

Sweetspot

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



66.7173, 73.3067, 76.9640



92.7635, 98.8715, 106.5228



68.2456, 74.1982, 72.3537



19.8792, 21.1744, 22.8253



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.



66.7173, 73.3067, 76.9640



86.2361, 95.6530, 99.5995



67.6876, 73.6949, 82.0738



13.7936, 15.4432, 15.9481



17.0420, 31.6416, 13.2101



1.2262, 2.2112, 1.1522

Inverse Universe

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



67.4472, 67.8736, 76.5674



87.3891, 87.0699, 98.9729



66.5126, 67.4998, 71.6463



14.0113, 13.8222, 15.8298



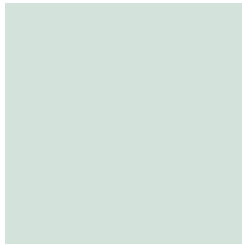
19.9072, 10.0299, 11.4432



1.4250, 0.7133, 1.0308

Previews

White Background



This preview shows how the XYZ color 66.7152, 73.3036, 76.9624 looks on a white background.

Color Contrast Check

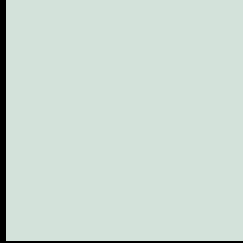
Large Text (above 18pt) WCAG AA × Fail

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 66.7152, 73.3036, 76.9624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

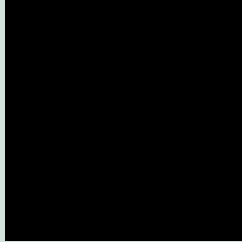
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

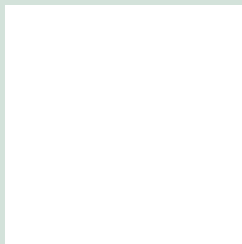
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7152, 73.3036, 76.9624

Background



This preview shows how black text looks on a background with the XYZ color 66.7152, 73.3036, 76.9624.

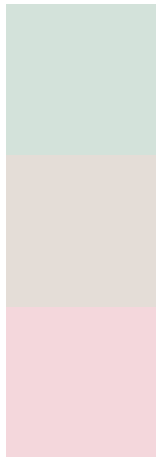


This preview shows how white text looks on a background with the XYZ color 66.7152, 73.3036,

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

66.7152, 73.3036, 76.9624

Protanopia

70.1171, 73.1132, 74.7067

Deuteranopia

74.5269, 73.0013, 77.8728



Tritanopia

70.1402, 73.5137, 92.9309

Trichromacy



Original Color

66.7152, 73.3036, 76.9624

Protanomaly

68.9065, 73.2628, 75.4751

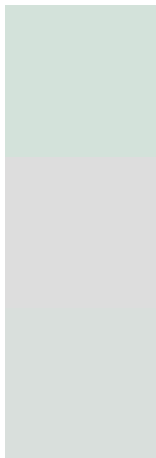
Deuteranomaly

71.3964, 72.9333, 77.3324

Tritanomaly

68.9527, 73.4336, 86.8838

Monochromacy



Original Color

66.7152, 73.3036, 76.9624

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.9212, 72.6944, 78.1617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7152, 73.3036, 76.9624 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(211, 226, 218) looks like.

```
.text, #text, p{  
    color:rgb(211, 226, 218)  
}
```

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(211, 226, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 226, 218) }
```

Border

The CSS property to change the border of an element to XYZ 66.7152, 73.3036, 76.9624 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(211, 226, 218) }
```


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

```
.border{ border-color:rgb(211, 226, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 226, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 226, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 226, 218);  
box-shadow:4px 4px 4px 4px rgb(211, 226,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7152, 73.3036, 76.9624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 226, 218) }
```

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

```
.background{ background-color: rgb(211,  
226, 218) }
```

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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