

Converting Colors

XYZ(71.9122, 77.0011, 77.0159)

Have a look what the booklet for
XYZ(71.9122, 77.0011, 77.0159)
contains.

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Color

**XYZ(71.6318, 76.6653,
76.6681)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E4D9
RGB	226, 228, 217
RGB Percent	89%, 89%, 85%
CMY	0.1137, 0.1059, 0.1490
CMYK	0.01, 0.00, 0.05, 0.11
HSL	71°, 17%, 87%
HSV	71°, 5%, 89%
XYZ	71.6318, 76.6653, 76.6681
YIQ	226.1480, 2.3390, -3.8450

Conversions

Conversions Part 2

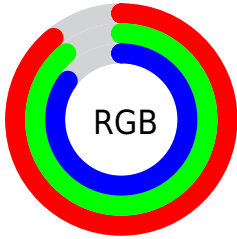
Format	Color
R _Y B	217, 228, 219
Decimal	14869721
CIE Lab	90.17, -2.60, 5.12
CIE LCh	90, 5.741, 116.957
Yxy	76.6653, 0.3184, 0.3408
Android (android.graphics.Color)	4293059801 (0xFFE2E4D9)
YUV	226.1480, -4.5100, -0.1298
Hunter-Lab	87.5587, -7.1969, 9.3756

Details

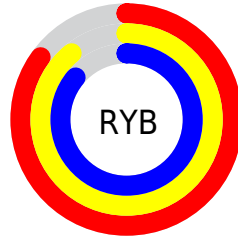
The XYZ color **71.6318, 76.6653, 76.6681** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.0328, 70.2893, 83.3843**, and the grayscale version is **72.4280, 76.1999, 82.9817**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2597, 41.1537, 40.1094** is the 20% darker color. If you saturate the color by 10%, you get **67.5829, 74.8996, 62.0525**, and if you desaturate by 10%, it is **76.1263, 78.6179, 93.4466**.

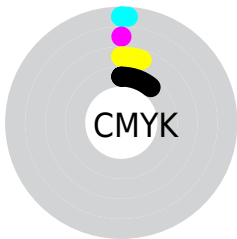
Distribution



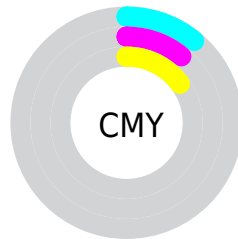
- Red (89%)
- Green (89%)
- Blue (85%)



- Red (85%)
- Yellow (89%)
- Blue (86%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6318, 76.6653, 76.6681 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 71.6318, 76.6653, 76.6681 by changing the saturation by 10% instead.

■ 71.6318, 76.6653,
76.6681

■ 71.6318, 76.6653,
76.6681

455.4366,
483.6221, 503.0392

■ 53.1423, 56.9782,
56.4706

120.5465,
128.6669, 130.4396

■ 38.1443, 40.9878,
40.1738

151.7025,
161.7502, 164.8506

■ 26.2725, 28.3095,
27.3593

187.8114,
200.0677, 204.8366

■ 17.1613, 18.5591,
17.6084

229.2385,
244.0038, 250.8161

■ 10.4456, 11.3521,
10.5027

276.3493,
293.9429, 303.2075

■ 5.7599, 6.3042,
5.6236

329.5089,

■ 2.7389, 3.0309,

350.2694, 362.4295

2.5525

389.0829,
413.3677, 428.9005

■ 1.0172, 1.1479,
0.8678

■ 0.0000, 0.0185,
0.0000

■ 71.6318, 76.6653,
76.6681

■ 71.6318, 76.6653,
76.6681

■ 67.5829, 74.8996,
62.0525

■ 76.1263, 78.6179,
93.4466

■ 63.9563, 73.3039,
49.5068

■ 79.8275, 80.2543,
105.8910

■ 60.7361, 71.8744,
38.9386

■ 81.2094, 80.9667,
105.9557

■ 57.9028, 70.6032,
30.2469

■ 82.6236, 81.6957,
106.0219

■ 55.4352, 69.4819,
23.3213

■ 84.0701, 82.4414,
106.0896

■ 53.3102, 68.5011,
18.0402

■ 85.5493, 83.2039,
106.1588

■ 51.5013, 67.6502,
14.2665

■ 87.0349, 83.9698,
106.2283

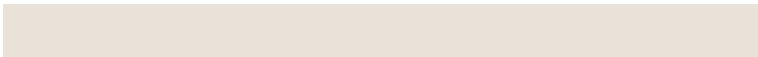
■ 49.9781, 66.9171,
11.8411

■ 48.7034, 66.2868,
10.5690

Harmonies

Analogous

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



73.0137, 76.6653, 75.8749



71.6318, 76.6653, 76.6681



70.5931, 76.6653, 79.2654

Triad

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



71.6318, 76.6653, 76.6681



71.3828, 76.6653, 90.2345



75.6413, 76.6653, 83.8931

Complementary

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



71.6318, 76.6653, 76.6681



68.0328, 70.2893, 83.3843

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.



75.1914, 76.6653, 87.8320



71.6318, 76.6653, 76.6681



72.7226, 76.6653, 91.5674

Square

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



71.6318, 76.6653, 76.6681



70.4507, 76.6653, 87.0871



74.1185, 76.6653, 90.6743



75.3402, 76.6653, 79.9651

Rectangle

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



71.6318, 76.6653, 76.6681



70.2287, 76.6653, 81.7154



74.1185, 76.6653, 90.6743



75.5728, 76.6653, 85.2607

Sweetspot

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



71.6339, 76.6686, 76.6698



94.4714, 99.7489, 106.7441



69.8099, 72.0820, 75.8806



20.2269, 21.3530, 22.8703



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

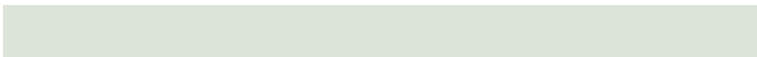
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.6339, 76.6686, 76.6698



91.6658, 98.5287, 96.3913



69.9878, 75.8200, 76.5927



15.5883, 16.7899, 16.2513



27.8720, 38.1500, 5.8947



2.1269, 2.8538, 0.4387

Inverse Universe

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



68.0328, 70.2893, 83.3843



85.9071, 88.3272, 107.1288



69.6628, 71.1296, 83.4605



14.5148, 14.8881, 18.2530



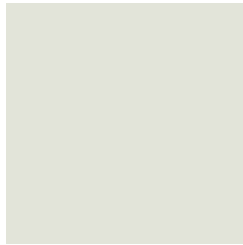
8.6979, 3.5498, 42.6099



0.7138, 0.2990, 3.1520

Previews

White Background



This preview shows how the XYZ color 71.6318, 76.6653, 76.6681 looks on a white background.

Color Contrast Check

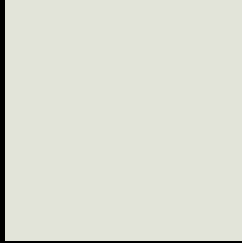
Large Text (above 18pt) WCAG AA × Fail

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 71.6318, 76.6653, 76.6681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

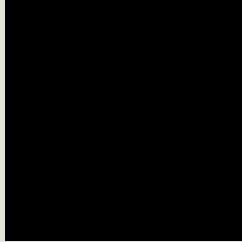
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

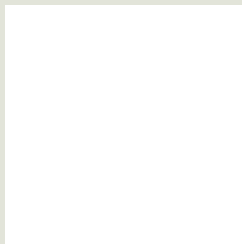
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.6318, 76.6653, 76.6681

Background



This preview shows how black text looks on a background with the XYZ color 71.6318, 76.6653, 76.6681.

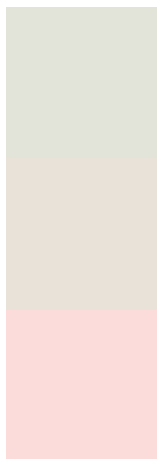


This preview shows how white text looks on a background with the XYZ color 71.6318, 76.6653,

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

71.6318, 76.6653, 76.6681

Protanopia

73.1953, 76.6742, 75.9075

Deuteranopia

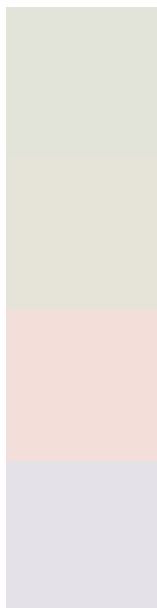
78.2626, 76.4730, 77.6537



Tritanopia

75.3158, 76.5451, 94.8095

Trichromacy



Original Color

71.6318, 76.6653, 76.6681

Protanomaly

72.4969, 76.7190, 75.9530

Deuteranomaly

75.7383, 76.3592, 77.0766

Tritanomaly

73.9463, 76.3916, 87.9385

Monochromacy



Original Color

71.6318, 76.6653, 76.6681

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.1524, 76.4346, 80.7626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6318, 76.6653, 76.6681 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, 228, 217) looks like.

```
.text, #text, p{  
    color:rgb(226, 228, 217)  
}
```

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, 228, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 228, 217) }
```

Border

The CSS property to change the border of an element to XYZ 71.6318, 76.6653, 76.6681 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, 228, 217) }
```


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

```
.border{ border-color:rgb(226, 228, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 228, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 228, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 228, 217); box-shadow:4px 4px 4px 4px rgb(226, 228, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6318, 76.6653, 76.6681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 228, 217) }
```

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

```
.background{ background-color: rgb(226,  
228, 217) }
```

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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