

Converting Colors

XYZ(70.5455, 75.7270, 75.3289)

Have a look what the booklet for
XYZ(70.5455, 75.7270, 75.3289)
contains.

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Color

**XYZ(70.4753, 75.6918,
75.1855)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E3D7
RGB	224, 227, 215
RGB Percent	88%, 89%, 84%
CMY	0.1216, 0.1098, 0.1569
CMYK	0.01, 0.00, 0.05, 0.11
HSL	75°, 18%, 87%
HSV	75°, 5%, 89%
XYZ	70.4753, 75.6918, 75.1855
YIQ	224.7350, 2.0640, -4.3680

Conversions

Conversions Part 2

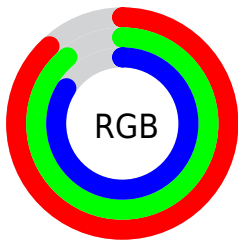
Format	Color
RYB	215, 227, 218
Decimal	14738391
CIELab	89.72, -3.12, 5.49
CIELCh	90, 6.318, 119.589
Yxy	75.6918, 0.3184, 0.3420
Android (android.graphics.Color)	4292928471 (0xFFE0E3D7)
YUV	224.7350, -4.7994, -0.6446
Hunter-Lab	87.0010, -7.6577, 9.6628

Details

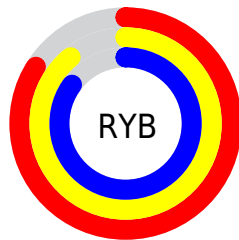
The XYZ color **70.4753, 75.6918, 75.1855** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0820, 69.0544, 82.4703**, and the grayscale version is **71.4119, 75.1309, 81.8175**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4599, 40.4781, 39.0964** is the 20% darker color. If you saturate the color by 10%, you get **66.0276, 73.7151, 60.7927**, and if you desaturate by 10%, it is **75.3909, 77.8673, 91.7161**.

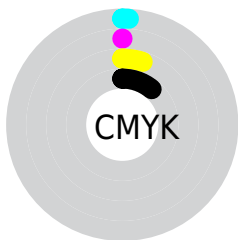
Distribution



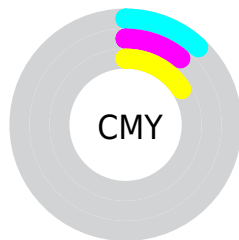
- Red (88%)
- Green (89%)
- Blue (84%)



- Red (84%)
- Yellow (89%)
- Blue (85%)



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



- Cyan (12%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4753, 75.6918, 75.1855 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 70.4753, 75.6918, 75.1855 by changing the saturation by 10% instead.

■ 70.4753, 75.6918,
75.1855

■ 70.4753, 75.6918,
75.1855

451.4575,
480.2920, 497.8273

■ 52.1951, 56.1798,
55.2622

118.9089,
127.2912, 128.3244

■ 37.3855, 40.3471,
39.2117

149.7930,
160.1473, 162.3772

■ 25.6812, 27.8093,
26.6154

185.6091,
198.2203, 201.9768

■ 16.7167, 18.1819,
17.0547

226.7226,
241.8946, 247.5419

■ 10.1268, 11.0807,
10.1111

273.4989,
291.5545, 299.4909

■ 5.5460, 6.1211,
5.3661

326.3032,

■ 2.6090, 2.9189,

347.5845, 358.2425

2.4012

385.5010,
410.3688, 424.2151

■ 0.9506, 1.0895,
0.7871

■ 0.0000, 0.0000,
0.0000

■ 70.4753, 75.6918,
75.1855

■ 70.4753, 75.6918,
75.1855

■ 66.0276, 73.7151,
60.7927

■ 75.3909, 77.8673,
91.7161

■ 62.0243, 71.9205,
48.4454

■ 79.9019, 79.8854,
105.8159

■ 58.4493, 70.3038,
38.0520

■ 81.8118, 80.8700,
105.9053

■ 55.2828, 68.8572,
29.5120

■ 83.7822, 81.8858,
105.9975

■ 52.5035, 67.5720,
22.7159

■ 85.8137, 82.9330,
106.0926

■ 50.0878, 66.4386,
17.5427

■ 86.7606, 83.4212,
106.1369

■ 48.0093, 65.4466,
13.8560

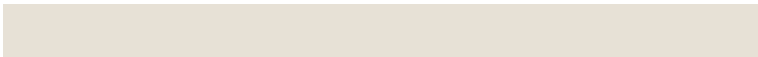
■ 46.2371, 64.5833,
11.4971

■ 44.7336, 63.8338,
10.2709

Harmonies

Analogous

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



71.9642, 75.6918, 74.1393



70.4753, 75.6918, 75.1855



69.3928, 75.6918, 78.1531

Triad

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



70.4753, 75.6918, 75.1855



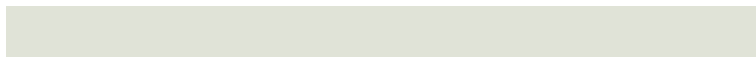
70.4386, 75.6918, 90.0296



74.9768, 75.6918, 82.4770

Complementary

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



70.4753, 75.6918, 75.1855



67.0820, 69.0544, 82.4703

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.



74.5545, 75.6918, 86.8302



70.4753, 75.6918, 75.1855



71.9213, 75.6918, 91.2857

Square

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



70.4753, 75.6918, 75.1855



69.3719, 75.6918, 86.7200



73.4305, 75.6918, 90.0948



74.5764, 75.6918, 78.2558

Rectangle

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



70.4753, 75.6918, 75.1855



69.0396, 75.6918, 80.8765



73.4305, 75.6918, 90.0948



74.9262, 75.6918, 83.9739

Sweetspot

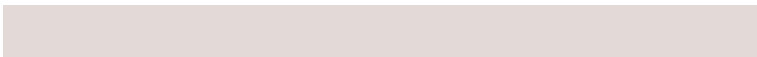
The Sweet Spot groups the original color and five complimentary colors.



70.4774, 75.6951, 75.1871



93.7716, 99.4346, 104.6108



69.0183, 71.3823, 74.4316



20.0844, 21.2890, 22.4359



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.



70.4774, 75.6951, 75.1871



91.2888, 98.3344, 96.3736



68.6508, 74.7534, 75.1017



15.5179, 16.7536, 16.2480



25.8237, 37.0941, 5.7988



1.9919, 2.7842, 0.4324

Inverse Universe

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



67.0820, 69.0544, 82.4703



86.2669, 88.5127, 107.1456



68.9086, 69.9961, 82.5558



14.5817, 14.9226, 18.2561



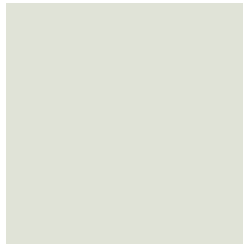
9.1541, 3.7850, 42.6313



0.7601, 0.3228, 3.1542

Previews

White Background



This preview shows how the XYZ color 70.4753, 75.6918, 75.1855 looks on a white background.

Color Contrast Check

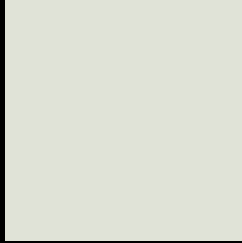
Large Text (above 18pt) WCAG AA × Fail

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 70.4753, 75.6918, 75.1855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

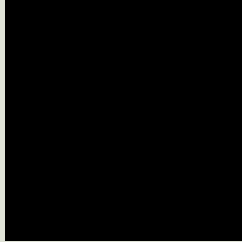
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

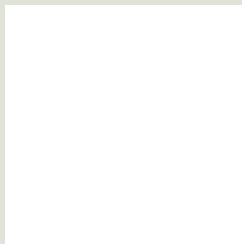
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.4753, 75.6918, 75.1855

Background



This preview shows how black text looks on a background with the XYZ color 70.4753, 75.6918, 75.1855.



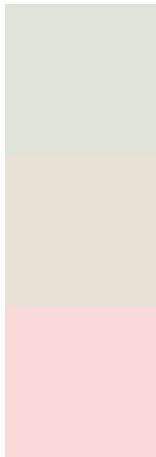
This preview shows how white text looks on a background with the XYZ color 70.4753, 75.6918,

75.1855.

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

70.4753, 75.6918, 75.1855

Protanopia

72.3415, 75.8613, 74.4482

Deuteranopia

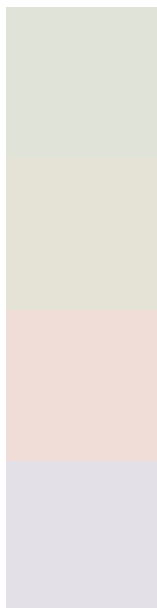
77.0201, 75.4766, 76.1547



Tritanopia

74.2598, 75.6202, 93.9013

Trichromacy



Original Color

70.4753, 75.6918, 75.1855

Protanomaly

71.6471, 75.9058, 74.4934

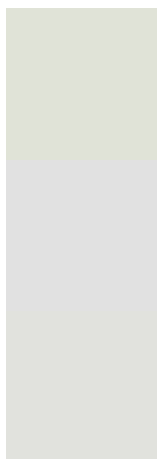
Deuteranomaly

74.5267, 75.3715, 75.5859

Tritanomaly

72.8997, 75.4684, 87.0686

Monochromacy



Original Color

70.4753, 75.6918, 75.1855

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.2988, 75.6207, 79.2450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4753, 75.6918, 75.1855 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(224, 227, 215) looks like.

```
.text, #text, p{  
    color:rgb(224, 227, 215)  
}
```

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(224, 227, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 227, 215) }
```

Border

The CSS property to change the border of an element to XYZ 70.4753, 75.6918, 75.1855 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(224, 227, 215) }
```


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

```
.border{ border-color:rgb(224, 227, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 227, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 227, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 227, 215);  
box-shadow:4px 4px 4px 4px rgb(224, 227,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4753, 75.6918, 75.1855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 227, 215) }
```

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

```
.background{ background-color: rgb(224,  
227, 215) }
```

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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