

Converting Colors

XYZ(70.5407, 75.6611, 83.6857)

Have a look what the booklet for
XYZ(70.5407, 75.6611, 83.6857)
contains.

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Color

**XYZ(70.5476, 75.5443,
83.5363)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE3E3
RGB	219, 227, 227
RGB Percent	86%, 89%, 89%
CMY	0.1412, 0.1098, 0.1098
CMYK	0.04, 0.00, 0.00, 0.11
HSL	180°, 13%, 87%
HSV	180°, 4%, 89%
XYZ	70.5476, 75.5443, 83.5363
YIQ	224.6080, -4.7680, -1.6960

Conversions

Conversions Part 2

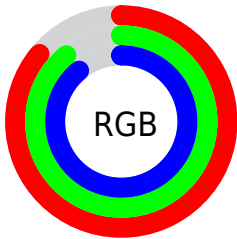
Format	Color
R_{YB}	219, 223, 227
Decimal	14410723
CIE _{Lab}	89.65, -2.67, -0.94
CIE _{LCh}	90, 2.830, 199.423
Yxy	75.5443, 0.3072, 0.3290
Android (android.graphics.Color)	4292600803 (0xFFD _B E3E3)
YUV	224.6080, 1.1793, -4.9182
Hunter-Lab	86.9162, -7.2197, 3.8570

Details

The XYZ color **70.5476, 75.5443, 83.5363** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7990, 72.1103, 77.2613**, and the grayscale version is **71.2828, 74.9950, 81.6696**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5088, 40.3761, 44.8462** is the 20% darker color. If you saturate the color by 10%, you get **64.1777, 72.2628, 83.2321**, and if you desaturate by 10%, it is **77.8531, 79.3124, 83.8874**.

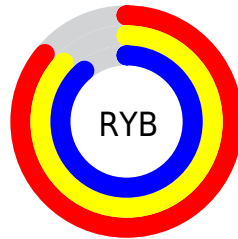
Distribution



Red (86%)

Green (89%)

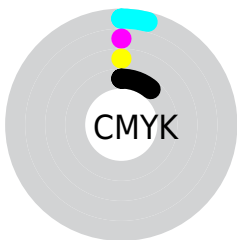
Blue (89%)



Red (86%)

Yellow (87%)

Blue (89%)

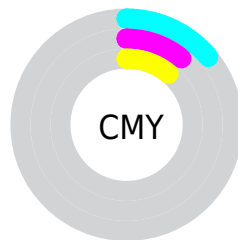


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (14%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5476, 75.5443, 83.5363 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 70.5476, 75.5443, 83.5363 by changing the saturation by 10% instead.

■ 70.5476, 75.5443,
83.5363

■ 70.5476, 75.5443,
83.5363

451.7069,
479.7863, 526.7899

■ 52.2543, 56.0589,
62.0895

119.0114,
127.0825, 140.1823

■ 37.4329, 40.2502,
44.6688

149.9125,
159.9042, 176.2185

■ 25.7181, 27.7336,
30.8556

185.7470,
197.9401, 217.9550

■ 16.7444, 18.1250,
20.2313

226.8802,
241.5745, 265.8103

■ 10.1466, 11.0397,
12.3776

273.6774,
291.1920, 320.2029

■ 5.5593, 6.0936,
6.8757

326.5040,

■ 2.6171, 2.9021,

347.1768, 381.5513

3.3072

385.7254,
409.9135, 450.2741

■ 0.9547, 1.0808,
1.2536

■ 0.0000, 0.0000,
0.0233

■ 70.5476, 75.5443,
83.5363

■ 70.5476, 75.5443,
83.5363

■ 64.1777, 72.2628,
83.2321

■ 77.8531, 79.3124,
83.8874

■ 58.6996, 69.4389,
82.9681

■ 82.5788, 81.7484,
84.1161

■ 54.0754, 67.0552,
82.7441

■ 82.5803, 81.7490,
84.1238

■ 50.2622, 65.0896,
82.5580

■ 82.5817, 81.7496,
84.1315

■ 47.2131, 63.5179,
82.4077

■ 82.5832, 81.7501,
84.1392

■ 44.8766, 62.3136,
82.2908

■ 82.5846, 81.7507,
84.1469

■ 43.1951, 61.4468,
82.2045

■ 82.5861, 81.7513,
84.1546

■ 42.1015, 60.8833,
82.1457

■ 82.5876, 81.7519,
84.1623

■ 41.5149, 60.5810,
82.1106

■ 82.5890, 81.7525,
84.1700

Harmonies

Analogous

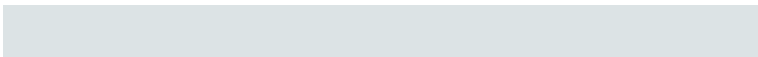
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.4948, 75.5443, 81.5532



70.5476, 75.5443, 83.5363



70.9354, 75.5443, 85.2011

Triad

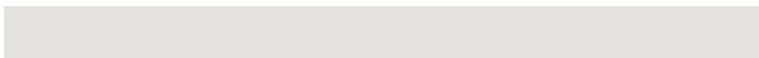
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.5476, 75.5443, 83.5363



72.8241, 75.5443, 84.7738



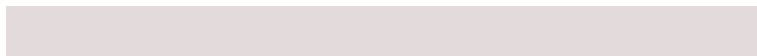
72.0486, 75.5443, 78.5438

Complementary

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



70.5476, 75.5443, 83.5363



69.7990, 72.1103, 77.2613

Split Complementary

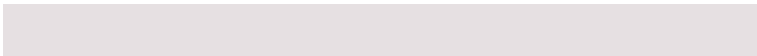
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.6768, 75.5443, 79.3774



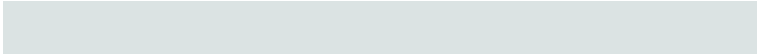
70.5476, 75.5443, 83.5363



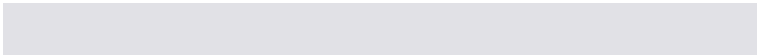
73.1265, 75.5443, 82.9606

Square

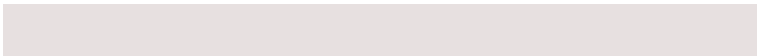
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.5476, 75.5443, 83.5363



72.2486, 75.5443, 85.9235



73.0724, 75.5443, 80.9867



71.3584, 75.5443, 78.6923

Rectangle

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



70.5476, 75.5443, 83.5363



71.3332, 75.5443, 85.8963



73.0724, 75.5443, 80.9867



72.2741, 75.5443, 78.7179

Sweetspot

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



70.5498, 75.5475, 83.5380



94.1179, 99.5195, 108.8554



69.5109, 75.1366, 77.8581



20.1549, 21.3063, 23.3000



0.0000, 0.0000, 0.0000



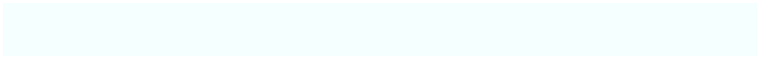
20.3446, 21.4041, 23.3091

Same Dimension

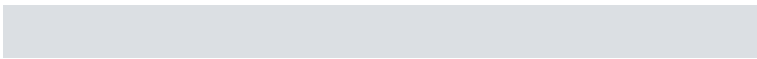
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.5498, 75.5475, 83.5380



91.3957, 98.1162, 108.7250



69.5040, 73.4551, 83.1919



15.4905, 16.6885, 18.5483



24.0979, 35.2713, 47.8772



1.7808, 2.6065, 3.5385

Inverse Universe

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



69.7990, 72.1103, 77.2613



90.2836, 93.0245, 99.4271



70.8196, 74.1522, 77.5991



15.2685, 15.6723, 16.6926



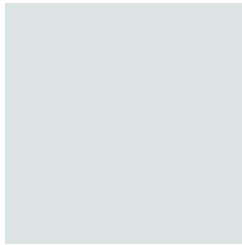
18.4755, 9.5244, 0.8670



1.3654, 0.7039, 0.0646

Previews

White Background



This preview shows how the XYZ color 70.5476, 75.5443, 83.5363 looks on a white background.

Color Contrast Check

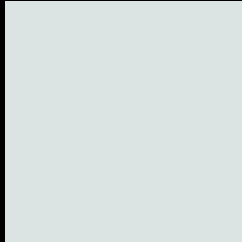
Large Text (above 18pt) WCAG AA × Fail

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 70.5476, 75.5443, 83.5363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

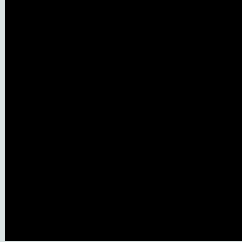
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

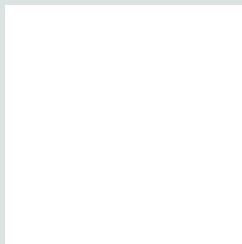
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.5476, 75.5443, 83.5363

Background



This preview shows how black text looks on a background with the XYZ color 70.5476, 75.5443, 83.5363.

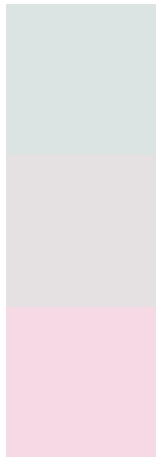


This preview shows how white text looks on a background with the XYZ color 70.5476, 75.5443,

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

70.5476, 75.5443, 83.5363

Protanopia

72.5594, 75.4056, 81.9646

Deuteranopia

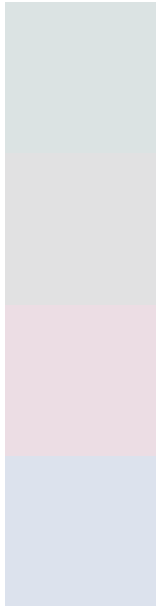
76.8704, 75.2124, 84.5947



Tritanopia

72.7710, 75.6334, 94.7677

Trichromacy



Original Color

70.5476, 75.5443, 83.5363

Protanomaly

71.7040, 75.3490, 82.7161

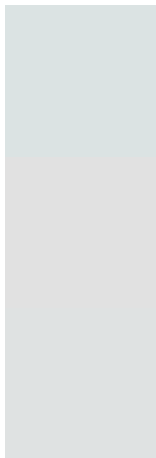
Deuteranomaly

74.4521, 75.1472, 83.9796

Tritanomaly

71.9976, 75.7228, 90.9420

Monochromacy



Original Color

70.5476, 75.5443, 83.5363

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.3552, 75.5717, 82.7775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5476, 75.5443, 83.5363 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(219, 227, 227) looks like.

```
.text, #text, p{  
    color:rgb(219, 227, 227)  
}
```

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(219, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 227, 227) }
```

Border

The CSS property to change the border of an element to XYZ 70.5476, 75.5443, 83.5363 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(219, 227, 227) }
```


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

```
.border{ border-color:rgb(219, 227, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 227, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 227, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 227, 227);  
box-shadow:4px 4px 4px 4px rgb(219, 227,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5476, 75.5443, 83.5363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 227, 227) }
```

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

```
.background{ background-color: rgb(219,  
227, 227) }
```

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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