

Converting Colors

XYZ(70.5044, 75.3332, 85.3211)

Have a look what the booklet for
XYZ(70.5044, 75.3332, 85.3211)
contains.

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Color

**XYZ(70.6655, 75.5568,
85.7224)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE3E6
RGB	218, 227, 230
RGB Percent	85%, 89%, 90%
CMY	0.1451, 0.1098, 0.0980
CMYK	0.05, 0.01, 0.00, 0.10
HSL	195°, 19%, 88%
HSV	195°, 5%, 90%
XYZ	70.6655, 75.5568, 85.7224
YIQ	224.6510, -6.3270, -0.9750

Conversions

Conversions Part 2

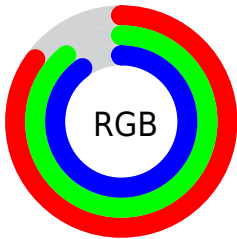
Format	Color
R _{YB}	218, 223, 230
Decimal	14345190
CIE Lab	89.65, -2.44, -2.51
CIE LCh	90, 3.505, 225.839
Yxy	75.5568, 0.3047, 0.3258
Android (android.graphics.Color)	4292535270 (0xFFDAE3E6)
YUV	224.6510, 2.6371, -5.8329
Hunter-Lab	86.9234, -7.0021, 2.3756

Details

The XYZ color **70.6655, 75.5568, 85.7224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.1448, 73.5973, 76.7869**, and the grayscale version is **71.3043, 75.0177, 81.6943**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5946, 40.3867, 46.3714** is the 20% darker color. If you saturate the color by 10%, you get **62.7150, 69.1670, 84.9092**, and if you desaturate by 10%, it is **79.6272, 82.5499, 86.6010**.

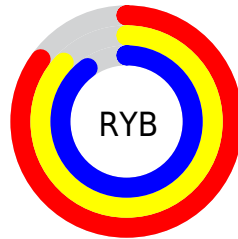
Distribution



Red (85%)

Green (89%)

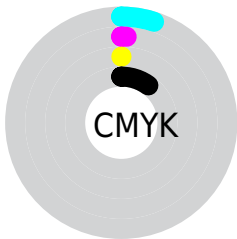
Blue (90%)



Red (85%)

Yellow (87%)

Blue (90%)

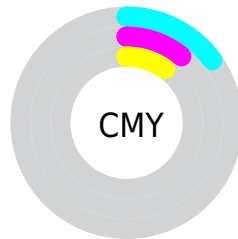


Cyan (5%)

Magenta (1%)

Yellow (0%)

Black (10%)



Cyan (15%)

Magenta (11%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6655, 75.5568, 85.7224 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 70.6655, 75.5568, 85.7224 by changing the saturation by 10% instead.

■ 70.6655, 75.5568,
85.7224

■ 70.6655, 75.5568,
85.7224

452.1133,
479.8292, 534.2222

■ 52.3508, 56.0692,
63.8849

119.1784,
127.1002, 143.2652

■ 37.5102, 40.2584,
46.1118

150.1074,
159.9248, 179.8075

■ 25.7782, 27.7401,
31.9848

185.9718,
197.9638, 222.0884

■ 16.7896, 18.1298,
21.0852

227.1370,
241.6016, 270.5266

■ 10.1790, 11.0432,
12.9944

273.9684,
291.2227, 325.5405

■ 5.5810, 6.0959,
7.2940

326.8314,

■ 2.6302, 2.9035,

347.2114, 387.5487

3.5654

386.0912,
409.9521, 456.9698

■ 0.9614, 1.0816,
1.3901

■ 0.0000, 0.0000,
0.1340

■ 70.6655, 75.5568,
85.7224

■ 70.6655, 75.5568,
85.7224

■ 62.7150, 69.1670,
84.9092

■ 79.6272, 82.5499,
86.6010

■ 55.7295, 63.3496,
84.1545

■ 86.2410, 88.4090,
87.3834

■ 49.6691, 58.0854,
83.4579

■ 87.9446, 91.8161,
87.9512

■ 44.4881, 53.3501,
82.8169

■ 89.7020, 95.3309,
88.5370

■ 40.1370, 49.1174,
82.2293

■ 91.2832, 98.4933,
89.0641

■ 36.5612, 45.3583,
81.6921

■ 33.6990, 42.0402,
81.2025

■ 31.4788, 39.1253,
80.7569

■ 29.8128, 36.5676,
80.3511

Harmonies

Analogous

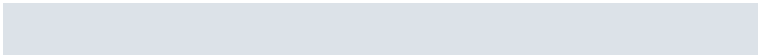
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.2311, 75.5568, 83.5714



70.6655, 75.5568, 85.7224



71.4096, 75.5568, 86.9593

Triad

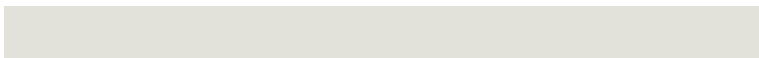
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.6655, 75.5568, 85.7224



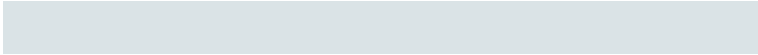
73.4342, 75.5568, 83.4357



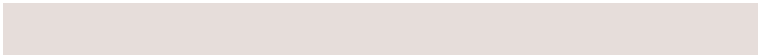
71.3629, 75.5568, 77.7842

Complementary

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



70.6655, 75.5568, 85.7224



71.1448, 73.5973, 76.7869

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.



72.2209, 75.5568, 77.7495



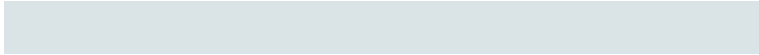
70.6655, 75.5568, 85.7224



73.4215, 75.5568, 80.9792

Square

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



70.6655, 75.5568, 85.7224



73.0106, 75.5568, 85.6213



72.9758, 75.5568, 78.9087



70.6315, 75.5568, 79.0044

Rectangle

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



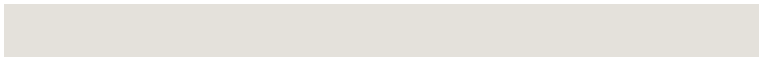
70.6655, 75.5568, 85.7224



71.9833, 75.5568, 87.0835



72.9758, 75.5568, 78.9087



71.6459, 75.5568, 77.6343

Sweetspot

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



70.6677, 75.5600, 85.7241



92.7936, 98.2357, 108.6784



70.2360, 76.7101, 79.3729



19.8853, 21.0450, 23.2640



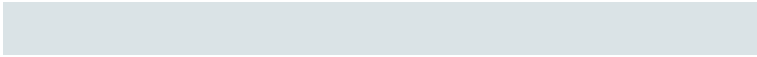
0.0000, 0.0000, 0.0000



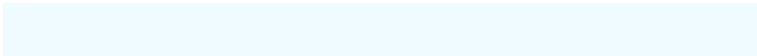
20.3446, 21.4041, 23.3091

Same Dimension

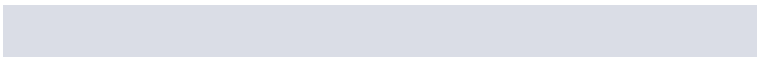
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.6677, 75.5600, 85.7241



88.4367, 94.7994, 108.2447



69.1069, 72.4385, 85.2038



14.9863, 16.0936, 18.4609



16.6013, 20.2648, 45.4197



1.2992, 1.6423, 3.3805

Inverse Universe

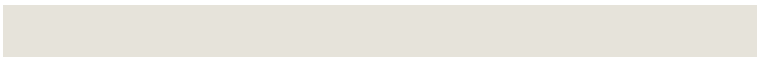
The Inverse Universe completely reimagines the original color for something new.



71.5714, 72.5134, 82.9011



89.7528, 90.3800, 104.1299



72.7036, 76.7151, 77.3065



15.2319, 15.2710, 17.6922



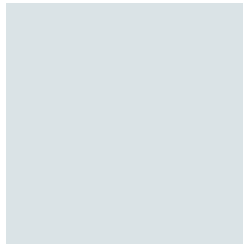
22.7731, 11.2435, 23.4979



1.7194, 0.8455, 1.9288

Previews

White Background



This preview shows how the XYZ color 70.6655, 75.5568, 85.7224 looks on a white background.

Color Contrast Check

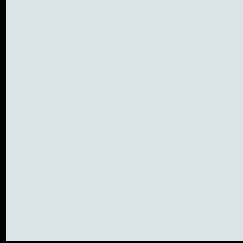
Large Text (above 18pt) WCAG AA × Fail

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 70.6655, 75.5568, 85.7224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

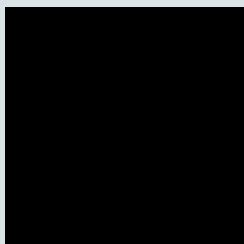
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

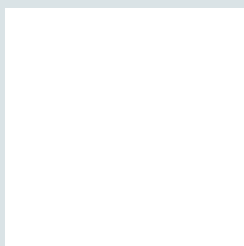
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.6655, 75.5568, 85.7224

Background



This preview shows how black text looks on a background with the XYZ color 70.6655, 75.5568, 85.7224.



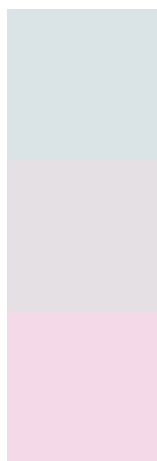
This preview shows how white text looks on a background with the XYZ color 70.6655, 75.5568,

85.7224.

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

70.6655, 75.5568, 85.7224

Protanopia

72.6542, 75.4067, 84.1245

Deuteranopia

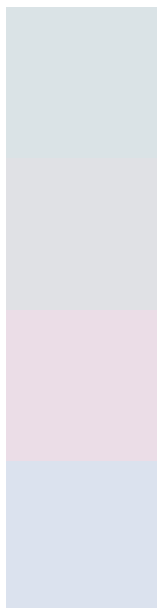
76.9451, 75.2021, 86.8039



Tritanopia

72.6181, 75.5371, 95.5468

Trichromacy



Original Color

70.6655, 75.5568, 85.7224

Protanomaly

71.8085, 75.3549, 84.8890

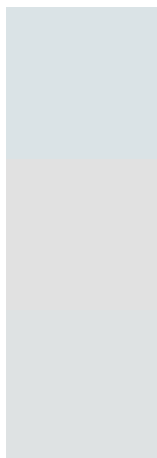
Deuteranomaly

74.5412, 75.1446, 86.1769

Tritanomaly

71.8424, 75.6258, 91.6997

Monochromacy



Original Color

70.6655, 75.5568, 85.7224

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.1857, 75.4684, 83.4880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6655, 75.5568, 85.7224 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(218, 227, 230) looks like.

```
.text, #text, p{  
    color:rgb(218, 227, 230)  
}
```

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(218, 227, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 227, 230) }
```

Border

The CSS property to change the border of an element to XYZ 70.6655, 75.5568, 85.7224 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(218, 227, 230) }
```


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

```
.border{ border-color:rgb(218, 227, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 227, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 227, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 227, 230);  
box-shadow:4px 4px 4px 4px rgb(218, 227,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6655, 75.5568, 85.7224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 227, 230) }
```

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

```
.background{ background-color: rgb(218,  
227, 230) }
```

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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