

Converting Colors

XYZ(69.4688, 75.3479, 85.7471)

Have a look what the booklet for
XYZ(69.4688, 75.3479, 85.7471)
contains.

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Color

**XYZ(69.4669, 75.3461,
85.7449)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E4E6
RGB	213, 228, 230
RGB Percent	84%, 89%, 90%
CMY	0.1647, 0.1059, 0.0980
CMYK	0.07, 0.01, 0.00, 0.10
HSL	187°, 25%, 87%
HSV	187°, 7%, 90%
XYZ	69.4669, 75.3461, 85.7449
YIQ	223.7430, -9.5820, -2.5580

Conversions

Conversions Part 2

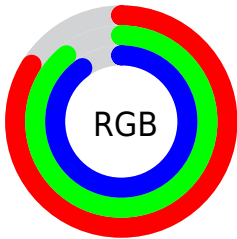
Format	Color
R _Y B	213, 221, 230
Decimal	14017766
CIE Lab	89.55, -4.59, -2.70
CIE LCh	90, 5.328, 210.446
Yxy	75.3461, 0.3013, 0.3268
Android (android.graphics.Color)	4292207846 (0xFFD5E4E6)
YUV	223.7430, 3.0847, -9.4216
Hunter-Lab	86.8021, -9.0519, 2.1936

Details

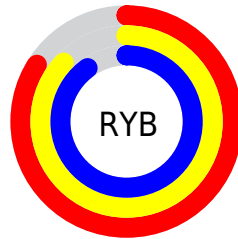
The XYZ color **69.4669, 75.3461, 85.7449** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.9441, 70.2275, 72.8735**, and the grayscale version is **70.6535, 74.3330, 80.9486**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7820, 40.2514, 46.3881** is the 20% darker color. If you saturate the color by 10%, you get **62.5262, 70.6755, 85.2104**, and if you desaturate by 10%, it is **77.3697, 80.5340, 86.3309**.

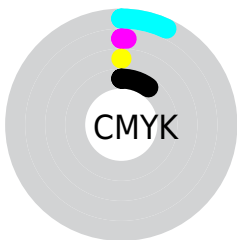
Distribution



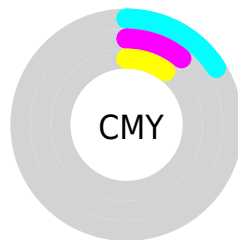
- Red (84%)
- Green (89%)
- Blue (90%)



- Red (84%)
- Yellow (87%)
- Blue (90%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (16%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4669, 75.3461, 85.7449 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 69.4669, 75.3461, 85.7449 by changing the saturation by 10% instead.

■ 69.4669, 75.3461,
85.7449

■ 69.4669, 75.3461,
85.7449

447.9716,
479.1063, 534.2984

■ 51.3701, 55.8965,
63.9034

117.4786,
126.8022, 143.2968

■ 36.7254, 40.1199,
46.1267

148.1242,
159.5774, 179.8443

■ 25.1677, 27.6321,
31.9964

183.6835,
197.5633, 222.1309

■ 16.3314, 18.0485,
21.0940

224.5217,
241.1442, 270.5750

■ 9.8513, 10.9848,
13.0008

271.0043,
290.7046, 325.5953

■ 5.3620, 6.0566,
7.2984

323.4966,

■ 2.4981, 2.8795,

346.6288, 387.6103

3.5681

382.3639,
409.3012, 457.0385

■ 0.8943, 1.0692,
1.3915

■ 0.0000, 0.0000,
0.1351

■ 69.4669, 75.3461,
85.7449

■ 69.4669, 75.3461,
85.7449

■ 62.5262, 70.6755,
85.2104

■ 77.3697, 80.5340,
86.3309

■ 56.5015, 66.4922,
84.7204

■ 84.7776, 85.4821,
86.8955

■ 51.3523, 62.7773,
84.2748

■ 85.5499, 87.0268,
87.1530

■ 47.0330, 59.5073,
83.8713

■ 86.3341, 88.5951,
87.4144

■ 43.4933, 56.6561,
83.5075

■ 87.1300, 90.1870,
87.6797

■ 40.6778, 54.1951,
83.1809

■ 87.9378, 91.8026,
87.9490

■ 38.5235, 52.0916,
82.8884

■ 88.7575, 93.4420,
88.2222

■ 36.9565, 50.3077,
82.6267

■ 89.5892, 95.1054,
88.4994

■ 35.8785, 48.7924,
82.3910

■ 90.4329, 96.7928,
88.7807

Harmonies

Analogous

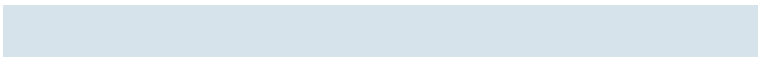
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.1276, 75.3461, 82.0952



69.4669, 75.3461, 85.7449



70.3803, 75.3461, 88.4684

Triad

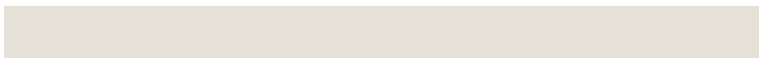
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.4669, 75.3461, 85.7449



73.8253, 75.3461, 85.6449



71.5946, 75.3461, 75.0424

Complementary

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



69.4669, 75.3461, 85.7449



68.9441, 70.2275, 72.8735

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.



72.8624, 75.3461, 75.9291



69.4669, 75.3461, 85.7449



74.1598, 75.3461, 81.9830

Square

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



69.4669, 75.3461, 85.7449



72.8967, 75.3461, 88.4095



73.8053, 75.3461, 78.4416



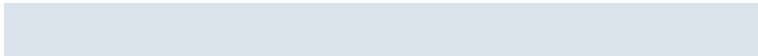
70.3468, 75.3461, 75.9823

Rectangle

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



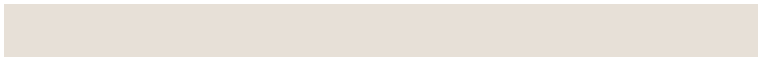
69.4669, 75.3461, 85.7449



71.1974, 75.3461, 89.3521



73.8053, 75.3461, 78.4416



72.0326, 75.3461, 75.1364

Sweetspot

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



69.4691, 75.3493, 85.7466



93.0077, 98.6640, 108.7498



68.0022, 75.6465, 75.2971



19.9289, 21.1322, 23.2785



0.0000, 0.0000, 0.0000



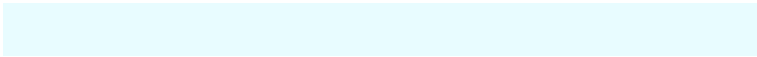
20.3446, 21.4041, 23.3091

Same Dimension

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



69.4691, 75.3493, 85.7466



86.2511, 94.1965, 108.2436



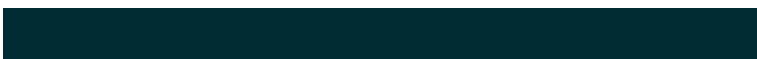
67.1912, 70.7936, 84.9873



14.6554, 16.0321, 18.4664



20.2341, 27.5303, 46.6306



1.5363, 2.1166, 3.4595

Inverse Universe

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



70.4327, 70.0144, 83.2044



87.7297, 86.0490, 104.3341



71.1616, 74.6624, 73.6127



14.9184, 14.5845, 17.7706



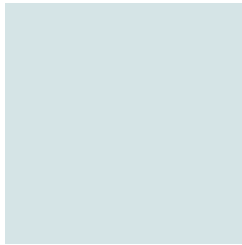
24.6067, 11.9769, 33.1537



1.8391, 0.8933, 2.5592

Previews

White Background



This preview shows how the XYZ color 69.4669, 75.3461, 85.7449 looks on a white background.

Color Contrast Check

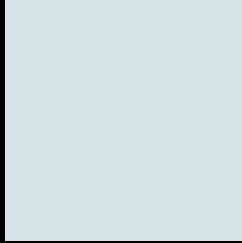
Large Text (above 18pt) WCAG AA × Fail

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 69.4669, 75.3461, 85.7449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

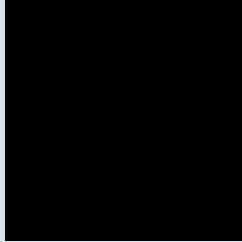
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

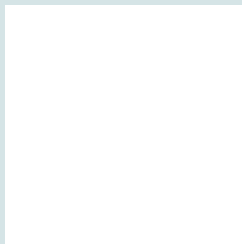
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.4669, 75.3461, 85.7449

Background



This preview shows how black text looks on a background with the XYZ color 69.4669, 75.3461, 85.7449.

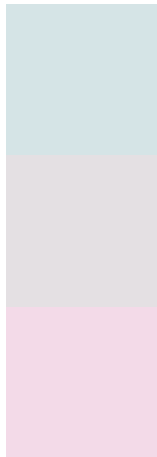


This preview shows how white text looks on a background with the XYZ color 69.4669, 75.3461,

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

69.4669, 75.3461, 85.7449

Protanopia

72.5157, 75.3513, 83.3953

Deuteranopia

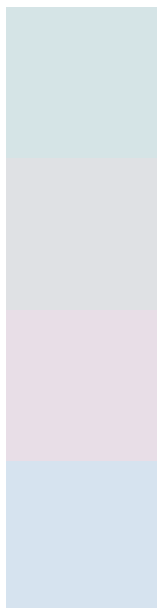
76.5990, 75.0237, 86.7877



Tritanopia

71.5498, 75.3714, 96.3650

Trichromacy



Original Color

69.4669, 75.3461, 85.7449

Protanomaly

71.3602, 75.1398, 84.1411

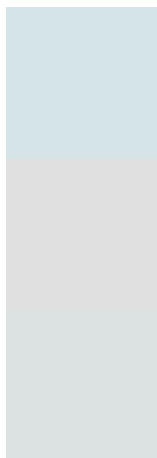
Deuteranomaly

73.8238, 75.1679, 86.2192

Tritanomaly

70.7806, 75.4663, 92.4973

Monochromacy



Original Color

69.4669, 75.3461, 85.7449

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.1679, 74.5571, 82.6442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4669, 75.3461, 85.7449 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(213, 228, 230) looks like.

```
.text, #text, p{  
    color:rgb(213, 228, 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(213, 228, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 228, 230) }
```

Border

The CSS property to change the border of an element to XYZ 69.4669, 75.3461, 85.7449 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(213, 228, 230) }
```


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

```
.border{ border-color:rgb(213, 228, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 228, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 228, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 228, 230);  
box-shadow:4px 4px 4px 4px rgb(213, 228,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4669, 75.3461, 85.7449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 228, 230) }
```

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

```
.background{ background-color: rgb(213,  
228, 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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