

Converting Colors

XYZ(69.6028, 75.3670, 87.9696)

Have a look what the booklet for
XYZ(69.6028, 75.3670, 87.9696)
contains.

XYZ(69.6028, 75.3670, 87.9696)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.6028, 75.3670,
87.9696)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E4E9
RGB	212, 228, 233
RGB Percent	83%, 89%, 91%
CMY	0.1686, 0.1059, 0.0863
CMYK	0.09, 0.02, 0.00, 0.09
HSL	194°, 32%, 87%
HSV	194°, 9%, 91%
XYZ	69.6028, 75.3670, 87.9696
YIQ	223.7860, -11.1410, -1.8370

Conversions

Conversions Part 2

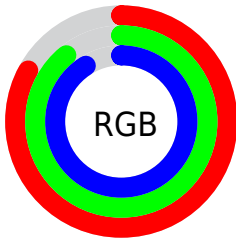
Format	Color
R _Y B	212, 221, 233
Decimal	13952233
CIE Lab	89.56, -4.34, -4.27
CIE LCh	90, 6.088, 224.499
Yxy	75.3670, 0.2988, 0.3235
Android (android.graphics.Color)	4292142313 (0xFFD4E4E9)
YUV	223.7860, 4.5425, -10.3363
Hunter-Lab	86.8142, -8.8134, 0.6908

Details

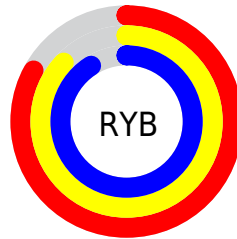
The XYZ color **69.6028, 75.3670, 87.9696** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3013, 71.7026, 72.4235**, and the grayscale version is **70.6749, 74.3555, 80.9731**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7840, 40.2296, 47.4213** is the 20% darker color. If you saturate the color by 10%, you get **61.8645, 69.1517, 87.1790**, and if you desaturate by 10%, it is **78.3637, 82.1861, 88.8252**.

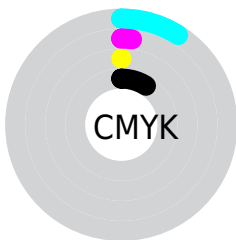
Distribution



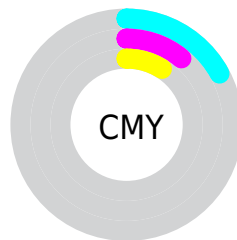
- Red (83%)
- Green (89%)
- Blue (91%)



- Red (83%)
- Yellow (87%)
- Blue (91%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (17%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6028, 75.3670, 87.9696 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 69.6028, 75.3670, 87.9696 by changing the saturation by 10% instead.

■ 69.6028, 75.3670,
87.9696

■ 69.6028, 75.3670,
87.9696

448.4423,
479.1780, 541.8024

■ 51.4812, 55.9136,
65.7337

117.6715,
126.8317, 146.4256

■ 36.8143, 40.1337,
47.6011

148.3493,
159.6119, 183.4828

■ 25.2368, 27.6428,
33.1534

183.9433,
197.6030, 226.3175

■ 16.3832, 18.0565,
21.9719

224.8187,
241.1896, 275.3482

■ 9.8883, 10.9906,
13.6381

271.3410,
290.7560, 330.9935

■ 5.3867, 6.0605,
7.7335

323.8754,

■ 2.5129, 2.8819,

346.6866, 393.6720

3.8396

382.7874,
409.3658, 463.8021

■ 0.9018, 1.0704,
1.5378

■ 0.0000, 0.0000,
0.2458

■ 69.6028, 75.3670,
87.9696

■ 69.6028, 75.3670,
87.9696

■ 61.8645, 69.1517,
87.1790

■ 78.3637, 82.1861,
88.8252

■ 55.1004, 63.5086,
86.4462

■ 86.8420, 88.9308,
89.6802

■ 49.2680, 58.4170,
85.7709

■ 88.4909, 92.2288,
90.2299

■ 44.3188, 53.8513,
85.1504

■ 90.1902, 95.6272,
90.7963

■ 40.2000, 49.7836,
84.5824

■ 91.7082, 98.6633,
91.3023

■ 36.8527, 46.1827,
84.0638

■ 34.2099, 43.0135,
83.5913

■ 32.1924, 40.2343,
83.1612

■ 30.6789, 37.7820,
82.7676

Harmonies

Analogous

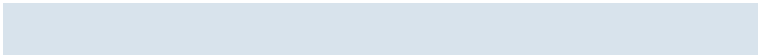
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.8863, 75.3670, 84.1407



69.6028, 75.3670, 87.9696



70.8684, 75.3670, 90.2552

Triad

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



69.6028, 75.3670, 87.9696



74.4406, 75.3670, 84.2823



70.9167, 75.3670, 74.3451

Complementary

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



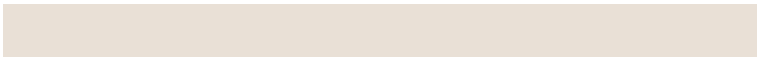
69.6028, 75.3670, 87.9696



70.3013, 71.7026, 72.4235

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.



72.4052, 75.3670, 74.3800



69.6028, 75.3670, 87.9696



74.4539, 75.3670, 80.0175

Square

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



69.6028, 75.3670, 87.9696



73.6682, 75.3670, 88.0764



73.7045, 75.3670, 76.4247



69.6377, 75.3670, 76.3276

Rectangle

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



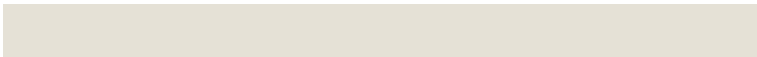
69.6028, 75.3670, 87.9696



71.8598, 75.3670, 90.5476



73.7045, 75.3670, 76.4247



71.4088, 75.3670, 74.1236

Sweetspot

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



69.6050, 75.3702, 87.9713



91.7134, 97.4220, 108.5782



68.8030, 77.2807, 76.8692



19.4438, 20.7073, 23.2221



0.0000, 0.0000, 0.0000



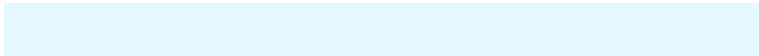
20.3446, 21.4041, 23.3091

Same Dimension

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



69.6050, 75.3702, 87.9713



83.3804, 90.8780, 107.7543



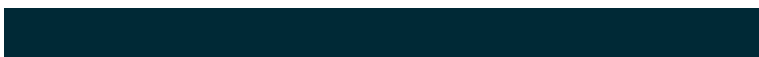
66.8285, 69.8173, 87.0458



15.1963, 16.4791, 19.3021



17.4299, 21.5068, 46.9755



1.4417, 1.8348, 3.7130

Inverse Universe

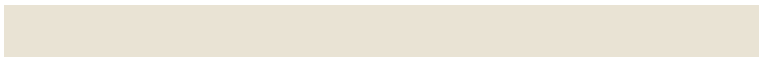
The Inverse Universe completely reimagines the original color for something new.



71.1531, 70.0137, 83.1662



85.6893, 82.9684, 100.5703



73.0678, 77.2357, 73.3457



15.5526, 15.2489, 18.1955



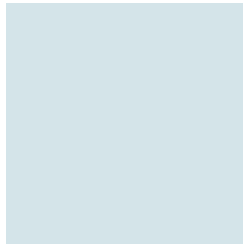
23.6531, 11.6639, 25.0383



1.8942, 0.9306, 2.1601

Previews

White Background



This preview shows how the XYZ color 69.6028, 75.3670, 87.9696 looks on a white background.

Color Contrast Check

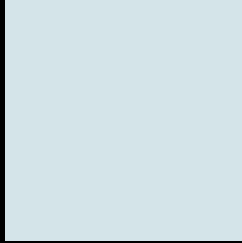
Large Text (above 18pt) WCAG AA × Fail

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 69.6028, 75.3670, 87.9696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

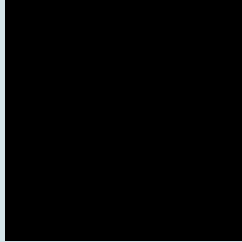
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

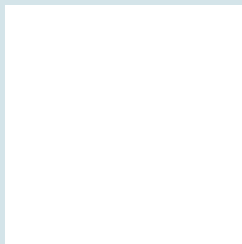
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.6028, 75.3670, 87.9696

Background



This preview shows how black text looks on a background with the XYZ color 69.6028, 75.3670, 87.9696.

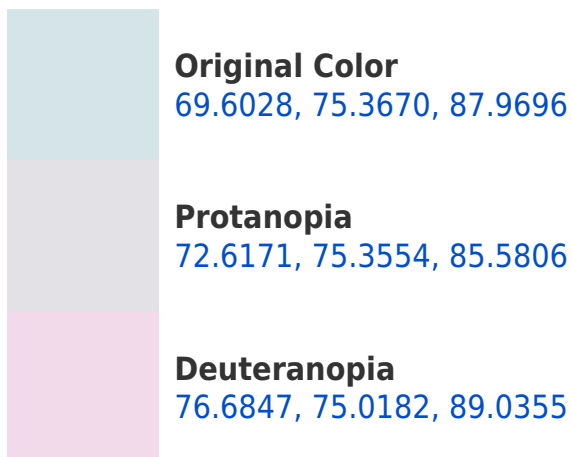


This preview shows how white text looks on a background with the XYZ color 69.6028, 75.3670,

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

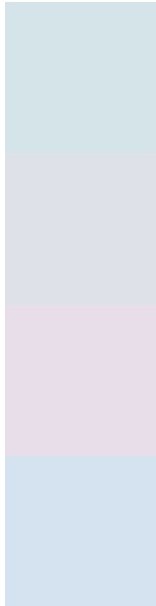




Tritanopia

71.2570, 75.2205, 96.3513

Trichromacy



Original Color

69.6028, 75.3670, 87.9696

Protanomaly

71.4732, 75.1495, 86.3396

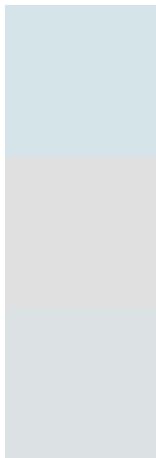
Deuteranomaly

73.9276, 75.1720, 88.4551

Tritanomaly

70.6378, 75.3756, 93.2640

Monochromacy



Original Color

69.6028, 75.3670, 87.9696

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.3055, 74.6121, 83.3691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6028, 75.3670, 87.9696 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(212, 228, 233) looks like.

```
.text, #text, p{  
    color:rgb(212, 228, 233)  
}
```

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(212, 228, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 228, 233) }
```

Border

The CSS property to change the border of an element to XYZ 69.6028, 75.3670, 87.9696 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(212, 228, 233) }
```


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

```
.border{ border-color:rgb(212, 228, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 228, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 228, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 228, 233);  
box-shadow:4px 4px 4px 4px rgb(212, 228,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6028, 75.3670, 87.9696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 228, 233) }
```

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

```
.background{ background-color: rgb(212,  
228, 233) }
```

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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