

Converting Colors

XYZ(69.2436, 76.1280, 82.6710)

Have a look what the booklet for
XYZ(69.2436, 76.1280, 82.6710)
contains.

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Color

**XYZ(69.1757, 76.0817,
82.9908)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E6E2
RGB	212, 230, 226
RGB Percent	83%, 90%, 89%
CMY	0.1686, 0.0980, 0.1137
CMYK	0.08, 0.00, 0.02, 0.10
HSL	167°, 26%, 87%
HSV	167°, 8%, 90%
XYZ	69.1757, 76.0817, 82.9908
YIQ	224.1620, -9.4440, -5.0600

Conversions

Conversions Part 2

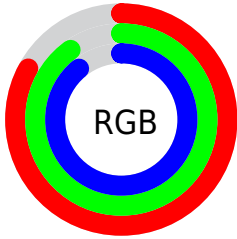
Format	Color
R_{YB}	212, 222, 230
Decimal	13952738
CIE Lab	89.90, -6.70, -0.11
CIE LCh	90, 6.701, 180.947
Yxy	76.0817, 0.3031, 0.3333
Android (android.graphics.Color)	4292142818 (0xFFD4E6E2)
YUV	224.1620, 0.9061, -10.6661
Hunter-Lab	87.2248, -11.0798, 4.6454

Details

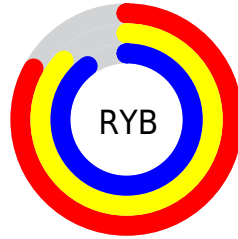
The XYZ color **69.1757, 76.0817, 82.9908** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5741, 68.8699, 74.6484**, and the grayscale version is **70.9677, 74.6636, 81.3086**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5853, 40.7683, 44.4689** is the 20% darker color. If you saturate the color by 10%, you get **62.3209, 72.6299, 79.0619**, and if you desaturate by 10%, it is **77.0003, 80.0352, 87.0776**.

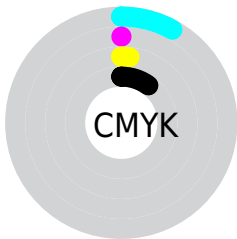
Distribution



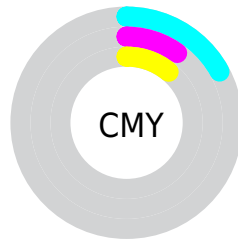
- Red (83%)
- Green (90%)
- Blue (89%)



- Red (83%)
- Yellow (87%)
- Blue (90%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (17%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1757, 76.0817, 82.9908 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 69.1757, 76.0817, 82.9908 by changing the saturation by 10% instead.

■ 69.1757, 76.0817,
82.9908

■ 69.1757, 76.0817,
82.9908

446.9621,
481.6273, 524.9261

■ 51.1320, 56.4995,
61.6420

117.0652,
127.8424, 139.4117

■ 36.5351, 40.6035,
44.3096

147.6417,
160.7897, 175.3209

■ 25.0198, 28.0094,
30.5750

183.1264,
198.9608, 216.9206

■ 16.2206, 18.3328,
20.0197

223.8848,
242.7401, 264.6294

■ 9.7722, 11.1892,
12.2251

270.2823,
292.5120, 318.8658

■ 5.3093, 6.1942,
6.7728

322.6840,

■ 2.4665, 2.9635,

348.6609, 380.0483

3.2441

381.4555,
411.5712, 448.5956

■ 0.8784, 1.1127,
1.2206

■ 0.0000, 0.0000,
0.0000

■ 69.1757, 76.0817,
82.9908

■ 69.1757, 76.0817,
82.9908

■ 62.3209, 72.6299,
79.0619

■ 77.0003, 80.0352,
87.0776

■ 56.3895, 69.6497,
75.2830


■ 84.7122, 83.9261,
91.2677


■ 51.3409, 67.1222,
71.6528

■ 85.4672, 84.2281,
95.2434


■ 47.1290, 65.0236,
68.1683


■ 86.2437, 84.5387,
99.3322


 43.7033, 63.3280,
64.8261


 87.0418, 84.8579,
103.5350

 41.0079, 62.0066,
61.6225

 87.5883, 85.0765,
106.4128

 38.9793, 61.0266,
58.5536

 37.5428, 60.3497,
55.6149

 36.5958, 59.9228,
52.8005

Harmonies

Analogous

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



69.5651, 76.0817, 78.4894



69.1757, 76.0817, 82.9908



69.6163, 76.0817, 87.6192

Triad

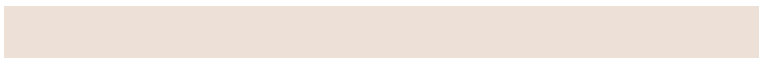
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.1757, 76.0817, 82.9908



73.9634, 76.0817, 90.9110



73.8710, 76.0817, 75.1202

Complementary

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



69.1757, 76.0817, 82.9908



68.5741, 68.8699, 74.6484

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.



75.0792, 76.0817, 78.2379



69.1757, 76.0817, 82.9908



75.1331, 76.0817, 87.3486

Square

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



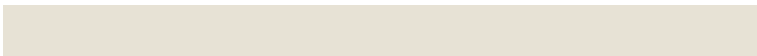
69.1757, 76.0817, 82.9908



72.3660, 76.0817, 92.2980



75.5445, 76.0817, 82.6895



72.2608, 76.0817, 74.0513

Rectangle

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



69.1757, 76.0817, 82.9908



70.3254, 76.0817, 90.1264



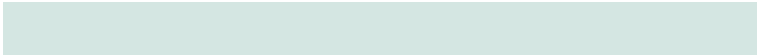
75.5445, 76.0817, 82.6895



74.3384, 76.0817, 75.9574

Sweetspot

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



69.1779, 76.0849, 82.9925



93.0164, 98.9727, 107.8545



68.5610, 75.9799, 73.3406



19.9307, 21.1950, 23.0963



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.



69.1779, 76.0849, 82.9925



86.2940, 95.5798, 104.2579



68.4160, 73.6717, 85.4809



14.6631, 16.2787, 17.7564



20.6661, 33.8985, 29.8055



1.5610, 2.5185, 2.3810

Inverse Universe

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



68.5741, 68.8699, 74.6484



85.4192, 85.1248, 92.1671



69.2807, 71.1015, 72.3610



14.5076, 14.4202, 15.6072



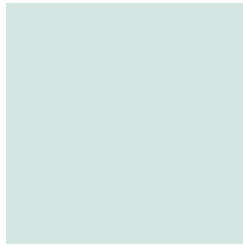
18.8529, 9.6754, 2.8542



1.4276, 0.7288, 0.3925

Previews

White Background



This preview shows how the XYZ color 69.1757, 76.0817, 82.9908 looks on a white background.

Color Contrast Check

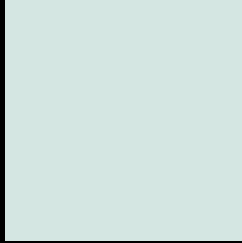
Large Text (above 18pt) WCAG AA × Fail

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 69.1757, 76.0817, 82.9908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

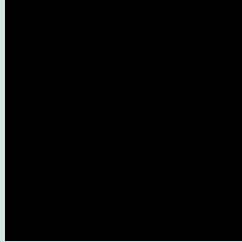
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

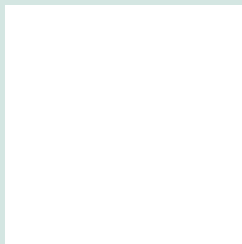
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.1757, 76.0817, 82.9908

Background



This preview shows how black text looks on a background with the XYZ color 69.1757, 76.0817, 82.9908.



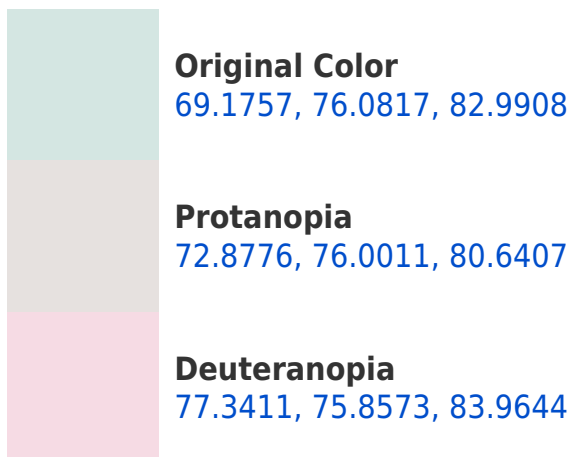
This preview shows how white text looks on a background with the XYZ color 69.1757, 76.0817,

82.9908.

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

71.9748, 75.9778, 97.2579

Trichromacy



Original Color

69.1757, 76.0817, 82.9908

Protanomaly

71.3551, 76.0080, 81.4312

Deuteranomaly

74.1845, 75.8138, 83.3966

Tritanomaly

70.9076, 75.9560, 91.8127

Monochromacy



Original Color

69.1757, 76.0817, 82.9908

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.3022, 75.0446, 82.0139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1757, 76.0817, 82.9908 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, 230, 226) looks like.

```
.text, #text, p{  
    color:rgb(212, 230, 226)  
}
```

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, 230, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 230, 226) }
```

Border

The CSS property to change the border of an element to XYZ 69.1757, 76.0817, 82.9908 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, 230, 226) }
```


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

```
.border{ border-color:rgb(212, 230, 226) }
```

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

Here you see how a box with a 4 pixel rgb(212, 230, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 230, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 230, 226);  
box-shadow:4px 4px 4px 4px rgb(212, 230,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1757, 76.0817, 82.9908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 230, 226) }
```

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

```
.background{ background-color: rgb(212,  
230, 226) }
```

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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