

Converting Colors

XYZ(66.9156, 72.0653, 81.9919)

Have a look what the booklet for
XYZ(66.9156, 72.0653, 81.9919)
contains.

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Color

**XYZ(66.9791, 72.1152,
82.3410)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DFE2
RGB	211, 223, 226
RGB Percent	83%, 87%, 89%
CMY	0.1725, 0.1255, 0.1137
CMYK	0.07, 0.01, 0.00, 0.11
HSL	192°, 21%, 86%
HSV	192°, 7%, 89%
XYZ	66.9791, 72.1152, 82.3410
YIQ	219.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

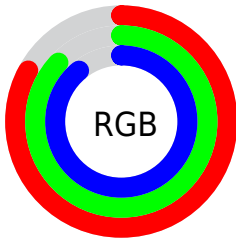
Format	Color
R _Y B	211, 218, 226
Decimal	13885410
CIE Lab	88.02, -3.44, -2.86
CIE LCh	88, 4.473, 219.787
Yxy	72.1152, 0.3025, 0.3257
Android (android.graphics.Color)	4292075490 (0xFFD3DFE2)
YUV	219.7540, 3.0793, -7.6773
Hunter-Lab	84.9207, -7.8237, 1.9555

Details

The XYZ color **66.9791, 72.1152, 82.3410** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.1688, 68.9645, 71.4005**, and the grayscale version is **67.8410, 71.3740, 77.7263**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0636, 38.0135, 44.0174** is the 20% darker color. If you saturate the color by 10%, you get **59.7645, 66.6309, 81.6638**, and if you desaturate by 10%, it is **75.1403, 78.1392, 83.0747**.

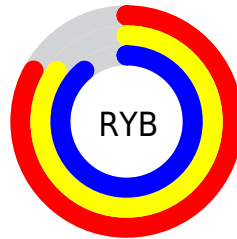
Distribution



Red (83%)

Green (87%)

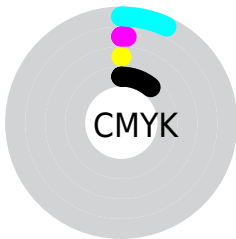
Blue (89%)



Red (83%)

Yellow (85%)

Blue (89%)

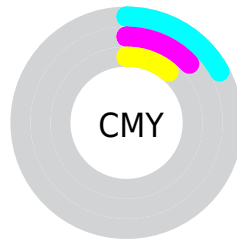


Cyan (7%)

Magenta (1%)

Yellow (0%)

Black (11%)



Cyan (17%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9791, 72.1152, 82.3410 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 66.9791, 72.1152, 82.3410 by changing the saturation by 10% instead.

■ 66.9791, 72.1152,
82.3410

■ 66.9791, 72.1152,
82.3410

439.3040,
467.9425, 522.7010

■ 49.3383, 53.2528,
61.1092

113.9404,
122.2203, 138.4931

■ 35.1035, 38.0046,
43.8822

143.9916,
154.2318, 174.2504

■ 23.9095, 25.9863,
30.2414

178.9104,
191.3951, 215.6867

■ 15.3909, 16.8134,
19.7683

219.0619,
234.0946, 263.2204

■ 9.1823, 10.1015,
12.0443

264.8117,
282.7146, 317.2702

■ 4.9183, 5.4663,
6.6510

316.5251,

■ 2.2337, 2.5234,

337.6397, 378.2545

3.1697

374.5674,
399.2542, 446.5919

■ 0.7604, 0.8883,
1.1819

■ 0.0000, 0.0000,
0.0000

■ 66.9791, 72.1152,
82.3410

■ 66.9791, 72.1152,
82.3410

■ 59.7645, 66.6309,
81.6638

■ 75.1403, 78.1392,
83.0747

■ 53.4523, 61.6572,
81.0365

■ 83.8341, 84.4839,
83.8412

■ 48.0038, 57.1758,
80.4586

■ 85.1217, 87.0591,
84.2703

■ 43.3753, 53.1638,
79.9282

■ 86.4421, 89.7000,
84.7105

■ 39.5189, 49.5960,
79.4428

■ 87.7957, 92.4072,
85.1617

■ 36.3817, 46.4449,
78.9999

■ 89.1827, 95.1811,
85.6240

■ 33.9037, 43.6791,
78.5967

■ 90.6032, 98.0222,
86.0975

■ 32.0151, 41.2623,
78.2297

■ 90.7277, 98.2711,
86.1390

■ 30.6268, 39.1481,
77.8948

Harmonies

Analogous

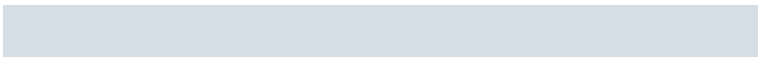
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.5417, 72.1152, 79.5241



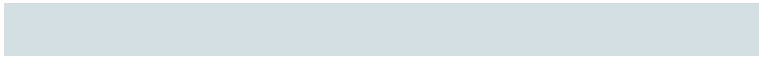
66.9791, 72.1152, 82.3410



67.8370, 72.1152, 84.1642

Triad

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



66.9791, 72.1152, 82.3410



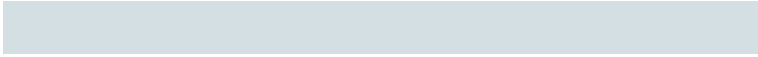
70.4864, 72.1152, 80.5685



68.1952, 72.1152, 72.8730

Complementary

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



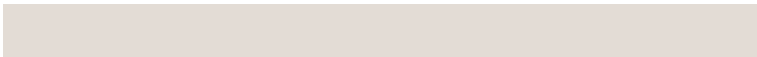
66.9791, 72.1152, 82.3410



67.1688, 68.9645, 71.4005

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.



69.2545, 72.1152, 73.1362



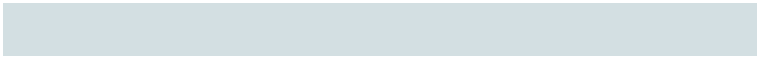
66.9791, 72.1152, 82.3410



70.5847, 72.1152, 77.5268

Square

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



66.9791, 72.1152, 82.3410



69.8644, 72.1152, 83.1226



70.1317, 72.1152, 74.8214



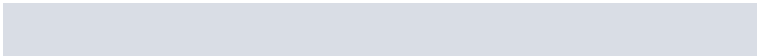
67.2390, 72.1152, 74.0928

Rectangle

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



66.9791, 72.1152, 82.3410



68.5357, 72.1152, 84.5437



70.1317, 72.1152, 74.8214



68.5510, 72.1152, 72.7917

Sweetspot

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



66.9812, 72.1183, 82.3426



92.8743, 98.3972, 108.7053



66.1672, 73.0851, 74.0716



19.9017, 21.0779, 23.2695



0.0000, 0.0000, 0.0000



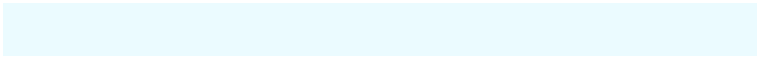
20.3446, 21.4041, 23.3091

Same Dimension

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



66.9812, 72.1183, 82.3426



86.6527, 93.7614, 108.1384



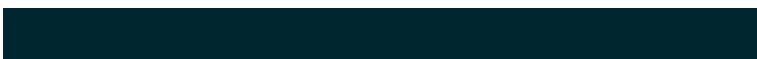
65.0844, 68.3248, 81.7103



13.8718, 15.0828, 17.5678



17.3269, 22.1234, 44.4054



1.2609, 1.6532, 3.0979

Inverse Universe

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



67.9792, 68.0864, 79.3747



88.2346, 87.4081, 103.4255



69.0456, 72.7181, 72.0261



14.1715, 13.8862, 16.6734



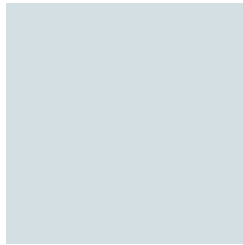
22.6860, 11.1414, 26.0761



1.6027, 0.7843, 1.9665

Previews

White Background



This preview shows how the XYZ color 66.9791, 72.1152, 82.3410 looks on a white background.

Color Contrast Check

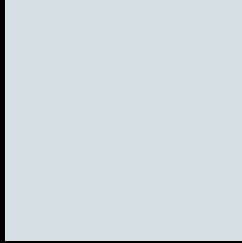
Large Text (above 18pt) WCAG AA × Fail

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 66.9791, 72.1152, 82.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

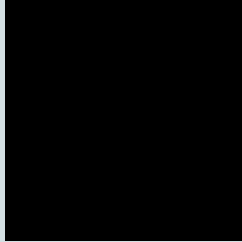
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

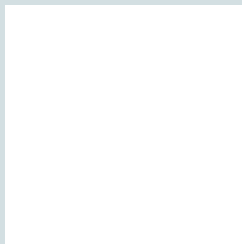
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.9791, 72.1152, 82.3410

Background



This preview shows how black text looks on a background with the XYZ color 66.9791, 72.1152, 82.3410.

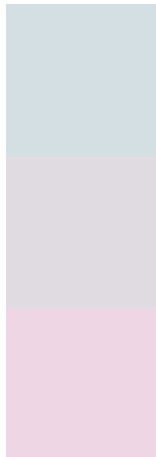


This preview shows how white text looks on a background with the XYZ color 66.9791, 72.1152,

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

66.9791, 72.1152, 82.3410

Protanopia

69.2175, 71.7328, 80.7187

Deuteranopia

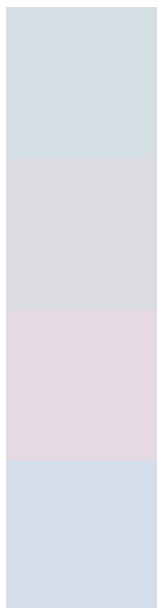
73.6468, 72.0453, 83.4233



Tritanopia

68.8770, 72.0910, 91.9461

Trichromacy



Original Color

66.9791, 72.1152, 82.3410

Protanomaly

68.3972, 71.6827, 81.4654

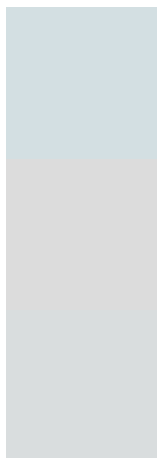
Deuteranomaly

70.9911, 71.8298, 82.7959

Tritanomaly

68.1239, 72.1801, 88.1835

Monochromacy



Original Color

66.9791, 72.1152, 82.3410

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.6565, 71.7385, 79.3883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9791, 72.1152, 82.3410 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(211, 223, 226) looks like.

```
.text, #text, p{  
    color:rgb(211, 223, 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(211, 223, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 223, 226) }
```

Border

The CSS property to change the border of an element to XYZ 66.9791, 72.1152, 82.3410 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(211, 223, 226) }
```


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

```
.border{ border-color:rgb(211, 223, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 223, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 223, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 223, 226);  
box-shadow:4px 4px 4px 4px rgb(211, 223,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9791, 72.1152, 82.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 223, 226) }
```

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

```
.background{ background-color: rgb(211,  
223, 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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