

Converting Colors

XYZ(66.5253, 70.3007, 79.0650)

Have a look what the booklet for
XYZ(66.5253, 70.3007, 79.0650)
contains.

| | |
|--|----|
| XYZ(66.5407, 70.3840, 79.1856) | 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(66.5407, 70.3840,
79.1856)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D7DBDE |
| RGB | 215, 219, 222 |
| RGB Percent | 84%, 86%, 87% |
| CMY | 0.1569, 0.1412, 0.1294 |
| CMYK | 0.03, 0.01, 0.00, 0.13 |
| HSL | 206°, 10%, 86% |
| HSV | 206°, 3%, 87% |
| XYZ | 66.5407, 70.3840, 79.1856 |
| YIQ | 218.1460, -3.3470, 0.0850 |

Conversions

Conversions Part 2

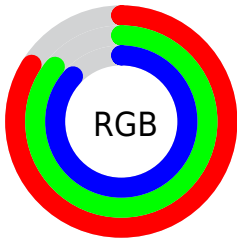
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 215, 218, 222 |
| Decimal | 14146526 |
| CIE Lab | 87.18, -0.79, -1.95 |
| CIE LCh | 87, 2.106, 247.884 |
| Yxy | 70.3840, 0.3079, 0.3257 |
| Android (android.graphics.Color) | 4292336606 (0xFFD7DBDE) |
| YUV | 218.1460, 1.9000, -2.7590 |
| Hunter-Lab | 83.8952, -5.2409, 2.7649 |

Details

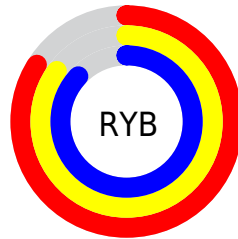
The XYZ color **66.5407, 70.3840, 79.1856** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.4616, 70.5782, 74.3586**, and the grayscale version is **66.7319, 70.2072, 76.4556**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7477, 36.8145, 41.8337** is the 20% darker color. If you saturate the color by 10%, you get **58.0505, 62.4327, 78.0994**, and if you desaturate by 10%, it is **76.0611, 79.0804, 80.3635**.

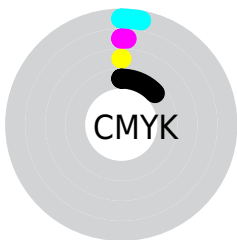
Distribution



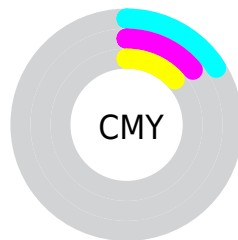
- Red (84%)
- Green (86%)
- Blue (87%)



- Red (84%)
- Yellow (85%)
- Blue (87%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5407, 70.3840, 79.1856 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 66.5407, 70.3840, 79.1856 by changing the saturation by 10% instead.

■ 66.5407, 70.3840,
79.1856

■ 66.5407, 70.3840,
79.1856

437.7663,
461.8971, 511.8182

■ 48.9808, 51.8397,
58.5262

113.3155,
119.7562, 134.0211

■ 34.8187, 36.8773,
41.8143

143.2610,
151.3528, 169.0344

■ 23.6891, 25.1125,
28.6315

178.0659,
188.0690, 209.6693

■ 15.2267, 16.1609,
18.5590

218.0953,
230.2892, 256.3445

■ 9.0660, 9.6381,
11.1785

263.7147,
278.3977, 309.4784

■ 4.8417, 5.1597,
6.0713

315.2895,

■ 2.1885, 2.3412,

332.7789, 369.4896

2.8190

373.1849,
393.8173, 436.7967

■ 0.7367, 0.7954,
1.0030

■ 0.0000, 0.0000,
0.0000

■ 66.5407, 70.3840,
79.1856

■ 66.5407, 70.3840,
79.1856

■ 58.0505, 62.4327,
78.0994

■ 76.0611, 79.0804,
80.3635

■ 50.5467, 55.1947,
77.0978

■ 85.0031, 87.6903,
81.5540

■ 43.9911, 48.6487,
76.1798

■ 87.8438, 93.3716,
82.5009

■ 38.3408, 42.7688,
75.3427

■ 90.1850, 98.0540,
83.2813

■ 33.5491, 37.5272,
74.5835

■ 29.5647, 32.8936,
73.8991

■ 26.3307, 28.8347,
73.2861

■ 23.7812, 25.3124,
72.7406

■ 21.8376, 22.2819,
72.2581

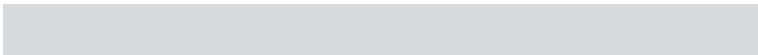
Harmonies

Analogous

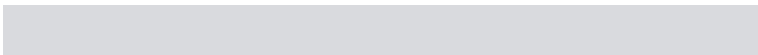
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.1506, 70.3840, 78.3198



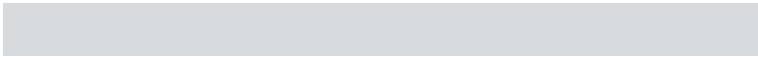
66.5407, 70.3840, 79.1856



67.0283, 70.3840, 79.3641

Triad

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



66.5407, 70.3840, 79.1856



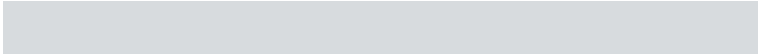
67.8437, 70.3840, 76.2635



66.3160, 70.3840, 74.5079

Complementary

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



66.5407, 70.3840, 79.1856



67.4616, 70.5782, 74.3586

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.



66.7676, 70.3840, 73.9715



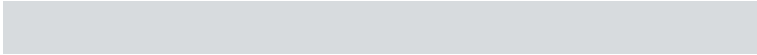
66.5407, 70.3840, 79.1856



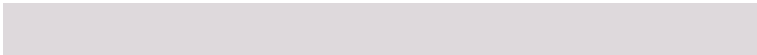
67.6508, 70.3840, 74.9769

Square

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



66.5407, 70.3840, 79.1856



67.7822, 70.3840, 77.6655



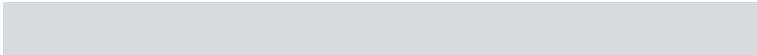
67.2563, 70.3840, 74.1421



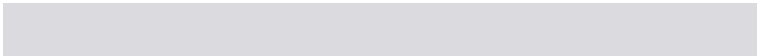
66.0213, 70.3840, 75.6160

Rectangle

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



66.5407, 70.3840, 79.1856



67.3434, 70.3840, 79.0674



67.2563, 70.3840, 74.1421



66.4544, 70.3840, 74.2554

Sweetspot

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



66.5427, 70.3870, 79.1871



93.7708, 98.8250, 108.7406



66.7907, 71.7484, 76.6022



20.0843, 21.1650, 23.2767



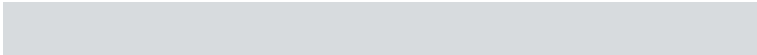
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

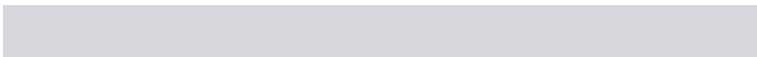
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.5427, 70.3870, 79.1871



90.0192, 95.3621, 108.2699



65.6596, 68.6208, 78.8928



14.5042, 15.3832, 17.5925



12.4491, 12.3678, 42.7794



0.9512, 1.0339, 2.9947

Inverse Universe

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



67.2124, 69.2464, 76.8447



91.1868, 93.3858, 104.1834



68.3576, 72.3702, 74.6572



14.7261, 15.0094, 16.8153



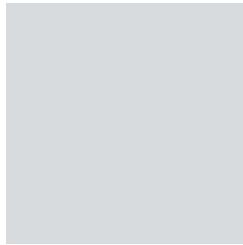
20.2239, 10.1566, 13.1109



1.4464, 0.7218, 1.1435

Previews

White Background



This preview shows how the XYZ color 66.5407, 70.3840, 79.1856 looks on a white background.

Color Contrast Check

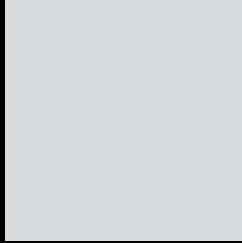
Large Text (above 18pt) WCAG AA × Fail

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 66.5407, 70.3840, 79.1856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

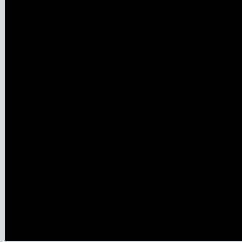
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

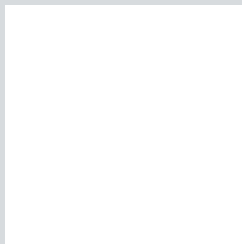
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.5407, 70.3840, 79.1856

Background



This preview shows how black text looks on a background with the XYZ color 66.5407, 70.3840, 79.1856.

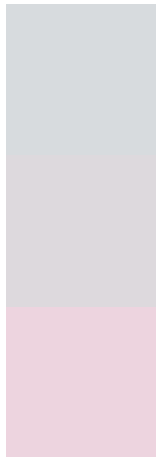


This preview shows how white text looks on a background with the XYZ color 66.5407, 70.3840,

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

66.5407, 70.3840, 79.1856

Protanopia

67.6828, 70.2183, 78.3928

Deuteranopia

71.7878, 70.4192, 79.6207



Tritanopia

68.2794, 70.3179, 87.8159

Trichromacy



Original Color

66.5407, 70.3840, 79.1856

Protanomaly

67.3360, 70.4233, 78.4507

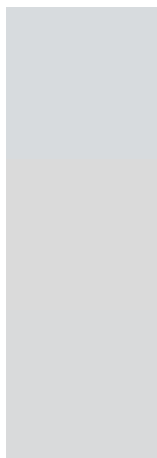
Deuteranomaly

69.9328, 70.5866, 79.7508

Tritanomaly

67.6732, 70.4549, 84.8953

Monochromacy



Original Color

66.5407, 70.3840, 79.1856

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.4729, 70.0090, 77.0274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5407, 70.3840, 79.1856 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(215, 219, 222) looks like.

```
.text, #text, p{  
    color:rgb(215, 219, 222)  
}
```

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(215, 219, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 219, 222) }
```

Border

The CSS property to change the border of an element to XYZ 66.5407, 70.3840, 79.1856 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(215, 219, 222) }
```


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

```
.border{ border-color:rgb(215, 219, 222) }
```

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

Here you see how a box with a 4 pixel rgb(215, 219, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 219, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 219, 222);  
box-shadow:4px 4px 4px 4px rgb(215, 219,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5407, 70.3840, 79.1856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 219, 222) }
```

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

```
.background{ background-color: rgb(215,  
219, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor