

Converting Colors

XYZ(60.1355, 64.1398, 75.9537)

Have a look what the booklet for
XYZ(60.1355, 64.1398, 75.9537)
contains.

| | |
|--|----|
| XYZ(60.1678, 64.1205, 76.2231) | 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(60.1678, 64.1205,
76.2231)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C9D3DB |
| RGB | 201, 211, 219 |
| RGB Percent | 79%, 83%, 86% |
| CMY | 0.2118, 0.1725, 0.1412 |
| CMYK | 0.08, 0.04, 0.00, 0.14 |
| HSL | 207°, 20%, 82% |
| HSV | 207°, 8%, 86% |
| XYZ | 60.1678, 64.1205, 76.2231 |
| YIQ | 208.9220, -8.5280, 0.3680 |

Conversions

Conversions Part 2

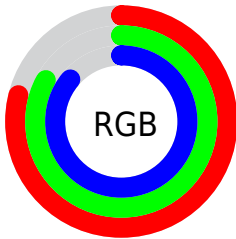
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 201, 207, 219 |
| Decimal | 13226971 |
| CIE Lab | 84.03, -1.84, -5.12 |
| CIE LCh | 84, 5.442, 250.242 |
| Yxy | 64.1205, 0.3001, 0.3198 |
| Android (android.graphics.Color) | 4291417051 (0xFFC9D3DB) |
| YUV | 208.9220, 4.9685, -6.9476 |
| Hunter-Lab | 80.0753, -6.0085, -0.3850 |

Details

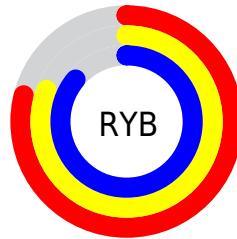
The XYZ color **60.1678, 64.1205, 76.2231** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.5567, 64.8774, 64.4849**, and the grayscale version is **60.5276, 63.6798, 69.3473**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7904, 32.9973, 39.8682** is the 20% darker color. If you saturate the color by 10%, you get **52.3512, 56.6122, 75.1868**, and if you desaturate by 10%, it is **68.9738, 72.3596, 77.3503**.

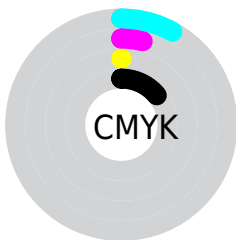
Distribution



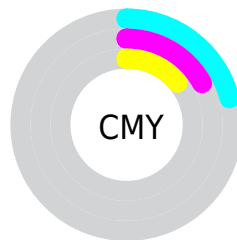
- Red (79%)
- Green (83%)
- Blue (86%)



- Red (79%)
- Yellow (81%)
- Blue (86%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (21%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1678, 64.1205, 76.2231 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 60.1678, 64.1205, 76.2231 by changing the saturation by 10% instead.

■ 60.1678, 64.1205,
76.2231

■ 60.1678, 64.1205,
76.2231

415.0408,
439.6247, 501.4782

■ 43.8039, 46.7483,
56.1077

104.1780,
110.7845, 129.8052

■ 30.7136, 32.8367,
39.8847

132.5550,
140.8450, 164.1090

■ 20.5316, 22.0014,
27.1356

165.6671,
175.9037, 203.9793

■ 12.8926, 13.8579,
17.4417

203.8795,
216.3451, 249.8348

■ 7.4311, 8.0219,
10.3847

247.5578,
262.5535, 302.0938

■ 3.7819, 4.1090,
5.5458

297.0672,

■ 1.5795, 1.7347,

314.9133, 361.1751

2.5066

352.7731,
373.8089, 427.4970

■ 0.3790, 0.4460,
0.8437

■ 0.0000, 0.0000,
0.0000

■ 60.1678, 64.1205,
76.2231

■ 60.1678, 64.1205,
76.2231

■ 52.3512, 56.6122,
75.1868

■ 68.9738, 72.3596,
77.3503

■ 45.4804, 49.8032,
74.2347

■ 78.7995, 81.3434,
78.5664

■ 39.5170, 43.6714,
73.3654

■ 85.2433, 88.8083,
79.6677

■ 34.4173, 38.1903,
72.5763

■ 88.1878, 94.6974,
80.6492

■ 30.1338, 33.3312,
71.8641

■ 89.7864, 97.8945,
81.1821

■ 26.6140, 29.0630,
71.2258

■ 23.7986, 25.3504,
70.6576

■ 21.6181, 22.1532,
70.1554

■ 19.9729, 19.4152,
69.7136

Harmonies

Analogous

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



59.2000, 64.1205, 74.1737



60.1678, 64.1205, 76.2231



61.3559, 64.1205, 76.5244

Triad

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



60.1678, 64.1205, 76.2231



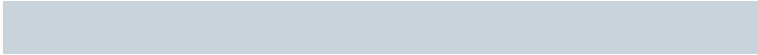
63.2439, 64.1205, 68.6477



59.4659, 64.1205, 64.8918

Complementary

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



60.1678, 64.1205, 76.2231



62.5567, 64.8774, 64.4849

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.



60.5352, 64.1205, 63.5122



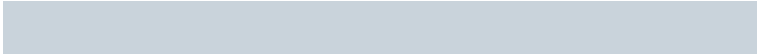
60.1678, 64.1205, 76.2231



62.7232, 64.1205, 65.6330

Square

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



60.1678, 64.1205, 76.2231



63.1424, 64.1205, 72.0745



61.7281, 64.1205, 63.7790



58.7984, 64.1205, 67.6058

Rectangle

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



60.1678, 64.1205, 76.2231



62.1143, 64.1205, 75.6832



61.7281, 64.1205, 63.7790



59.7897, 64.1205, 64.2608

Sweetspot

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



60.1697, 64.1232, 76.2245



92.4800, 97.6084, 108.5738



60.9038, 67.6751, 70.0455



19.8215, 20.9174, 23.2427



0.0000, 0.0000, 0.0000



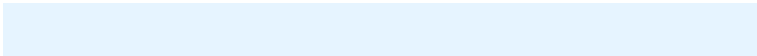
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1697, 64.1232, 76.2245



82.7748, 88.4642, 107.3203



58.0421, 59.8680, 75.5153



12.9358, 13.8112, 16.6362



11.7979, 11.4652, 41.3296



0.8498, 0.9137, 2.7060

Inverse Universe

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



61.8593, 61.5377, 70.2488



85.6771, 84.0874, 97.0414



64.7766, 69.3173, 65.2248



13.3574, 13.1721, 15.1435



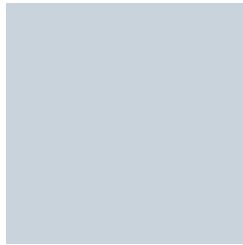
19.4504, 9.7812, 12.0176



1.3032, 0.6509, 1.0057

Previews

White Background



This preview shows how the XYZ color 60.1678, 64.1205, 76.2231 looks on a white background.

Color Contrast Check

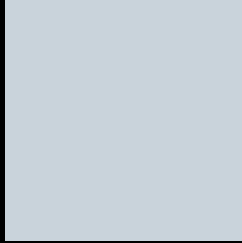
Large Text (above 18pt) WCAG AA × Fail

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 60.1678, 64.1205, 76.2231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

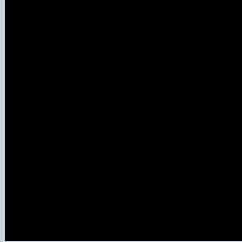
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

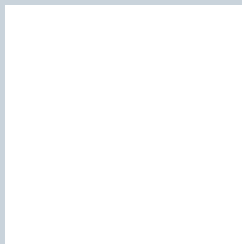
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1678, 64.1205, 76.2231

Background



This preview shows how black text looks on a background with the XYZ color 60.1678, 64.1205, 76.2231.

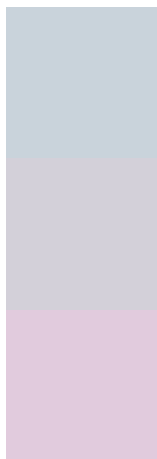


This preview shows how white text looks on a background with the XYZ color 60.1678, 64.1205,

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

60.1678, 64.1205, 76.2231

Protanopia

61.9442, 63.9704, 74.7283

Deuteranopia

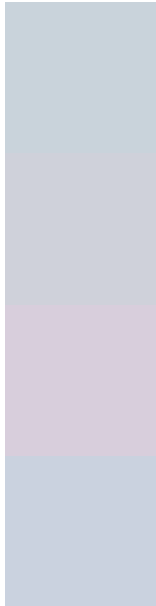
65.4584, 63.9399, 77.2982



Tritanopia

61.1312, 64.1407, 81.1099

Trichromacy



Original Color

60.1678, 64.1205, 76.2231

Protanomaly

61.1875, 63.9283, 75.4441

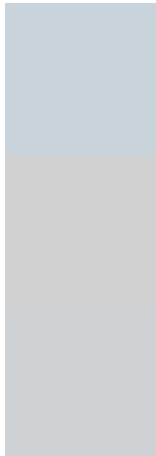
Deuteranomaly

63.3085, 63.9089, 76.7091

Tritanomaly

60.7230, 63.9775, 78.9605

Monochromacy



Original Color

60.1678, 64.1205, 76.2231

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.5104, 64.0191, 72.1185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1678, 64.1205, 76.2231 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(201, 211, 219) looks like.

```
.text, #text, p{  
    color:rgb(201, 211, 219)  
}
```

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(201, 211, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 211, 219) }
```

Border

The CSS property to change the border of an element to XYZ 60.1678, 64.1205, 76.2231 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(201, 211, 219) }
```


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

```
.border{ border-color:rgb(201, 211, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 211, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 211, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 211, 219);  
box-shadow:4px 4px 4px 4px rgb(201, 211,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1678, 64.1205, 76.2231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 211, 219) }
```

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

```
.background{ background-color: rgb(201,  
211, 219) }
```

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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