

Converting Colors

XYZ(61.7373, 68.6533, 76.2578)

Have a look what the booklet for
XYZ(61.7373, 68.6533, 76.2578)
contains.

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Color

**XYZ(61.8000, 68.7806,
76.3484)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DDDA
RGB	198, 221, 218
RGB Percent	78%, 87%, 85%
CMY	0.2235, 0.1333, 0.1451
CMYK	0.10, 0.00, 0.01, 0.13
HSL	172°, 25%, 82%
HSV	172°, 10%, 87%
XYZ	61.8000, 68.7806, 76.3484
YIQ	213.7810, -12.7450, -5.8090

Conversions

Conversions Part 2

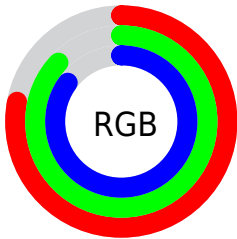
Format	Color
R _Y B	198, 210, 221
Decimal	13032922
CIE Lab	86.40, -8.19, -1.14
CIE LCh	86, 8.273, 187.909
Yxy	68.7806, 0.2987, 0.3324
Android (android.graphics.Color)	4291223002 (0xFFC6DDDA)
YUV	213.7810, 2.0800, -13.8399
Hunter-Lab	82.9341, -12.1217, 3.4720

Details

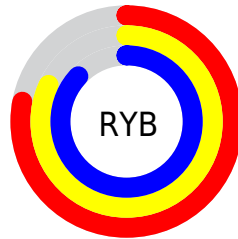
The XYZ color **61.8000, 68.7806, 76.3484** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5579, 59.9791, 63.6468**, and the grayscale version is **63.7635, 67.0841, 73.0546**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7487, 35.8461, 39.8960** is the 20% darker color. If you saturate the color by 10%, you get **56.0206, 65.8463, 74.1252**, and if you desaturate by 10%, it is **68.4400, 72.1615, 78.6491**.

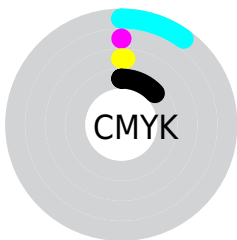
Distribution



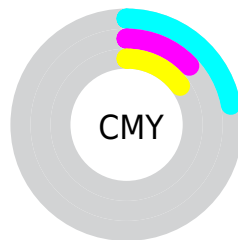
- Red (78%)
- Green (87%)
- Blue (85%)



- Red (78%)
- Yellow (82%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8000, 68.7806, 76.3484 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 61.8000, 68.7806, 76.3484 by changing the saturation by 10% instead.

61.8000, 68.7806,
76.3484

61.8000, 68.7806,
76.3484

420.9304,
456.2568, 501.9180

45.1261, 50.5331,
56.2099

106.5280,
117.4682, 129.9839

31.7585, 35.8371,
39.9661

135.3128,
148.6769, 164.3179

21.3317, 24.3084,
27.1985

168.8653,
184.9749, 204.2208

13.4805, 15.5626,
17.4886

207.5508,
226.7465, 250.1112

7.8395, 9.2152,
10.4178

251.7347,
274.3761, 302.4076

4.0434, 4.8818,
5.5677

301.7824,

1.7267, 2.1781,

328.2481, 361.5285

2.5195

358.0591,
388.7468, 427.8925

■ 0.4729, 0.7080,
0.8505

■ 0.0000, 0.0000,
0.0000

■ 61.8000, 68.7806,
76.3484

■ 61.8000, 68.7806,
76.3484

■ 56.0206, 65.8463,
74.1252

■ 68.4400, 72.1615,
78.6491

■ 51.0590, 63.3311,
71.9729


■ 75.9690, 75.9981,
81.0244


■ 46.8780, 61.2174,
69.8912


■ 80.9157, 78.5026,
83.3136


■ 43.4349, 59.4834,
67.8778


■ 81.3166, 78.6630,
85.4248


 40.6830, 58.1050,
65.9304


 81.7242, 78.8261,
87.5714

 38.5702, 57.0553,
64.0464


 82.1386, 78.9918,
89.7534


 37.0369, 56.3037,
62.2227

 82.5597, 79.1603,
91.9711

 36.0122, 55.8135,
60.4560

 82.9877, 79.3314,
94.2246

 35.3888, 55.5279,
58.8091

 83.4224, 79.5053,
96.5140

Harmonies

Analogous

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



62.0265, 68.7806, 71.0004



61.8000, 68.7806, 76.3484



62.5162, 68.7806, 81.5469

Triad

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



61.8000, 68.7806, 76.3484



67.6586, 68.7806, 83.5076



66.7661, 68.7806, 65.5528

Complementary

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



61.8000, 68.7806, 76.3484



60.5579, 59.9791, 63.6468

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.



68.3174, 68.7806, 68.6064



61.8000, 68.7806, 76.3484



68.8396, 68.7806, 78.9199

Square

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



61.8000, 68.7806, 76.3484



65.8810, 68.7806, 85.8096



69.0830, 68.7806, 73.4510



64.8694, 68.7806, 64.9391

Rectangle

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



61.8000, 68.7806, 76.3484



63.4403, 68.7806, 84.1685



69.0830, 68.7806, 73.4510



67.3464, 68.7806, 66.3205

Sweetspot

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



61.8020, 68.7835, 76.3499



92.1309, 98.5137, 107.9262



60.1569, 68.2198, 63.4242



19.5569, 21.0030, 23.0453



0.0000, 0.0000, 0.0000



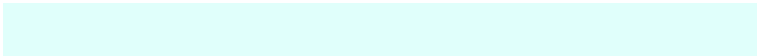
20.3446, 21.4041, 23.3091

Same Dimension

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



61.8020, 68.7835, 76.3499



84.0379, 94.3966, 105.0618



60.0273, 64.5993, 77.7151



13.3679, 14.7988, 16.4003



20.5869, 32.2674, 34.3195



1.3545, 2.0988, 2.3329

Inverse Universe

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



60.5579, 59.9791, 63.6468



82.0618, 80.4100, 84.8823



62.1900, 63.8031, 62.4646



13.1249, 13.0791, 13.9190



17.4732, 8.9903, 1.6062



1.1550, 0.5917, 0.2254

Previews

White Background



This preview shows how the XYZ color 61.8000, 68.7806, 76.3484 looks on a white background.

Color Contrast Check

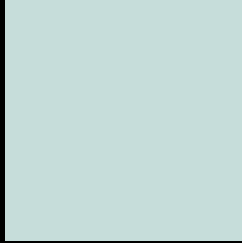
Large Text (above 18pt) WCAG AA × Fail

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 61.8000, 68.7806, 76.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

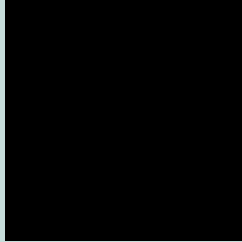
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

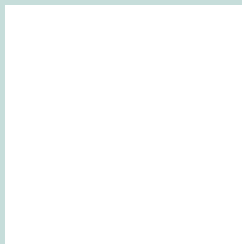
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8000, 68.7806, 76.3484

Background



This preview shows how black text looks on a background with the XYZ color 61.8000, 68.7806, 76.3484.

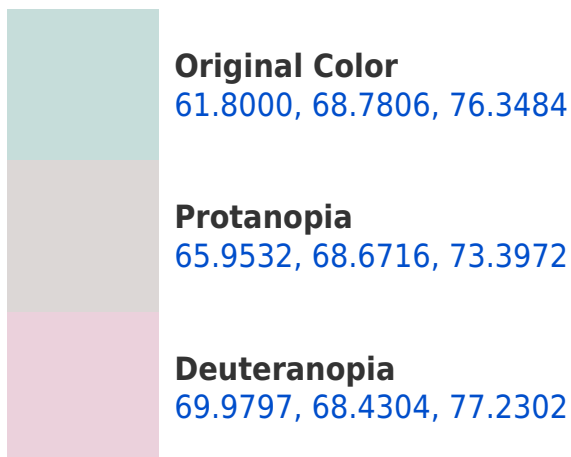


This preview shows how white text looks on a background with the XYZ color 61.8000, 68.7806,

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

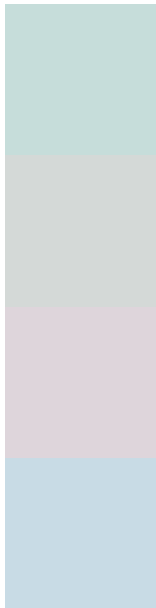




Tritanopia

64.2991, 68.6164, 89.2123

Trichromacy



Original Color

61.8000, 68.7806, 76.3484

Protanomaly

64.2300, 68.5291, 74.1321

Deuteranomaly

66.7046, 68.2326, 76.6723

Tritanomaly

63.2938, 68.5995, 84.0338

Monochromacy



Original Color

61.8000, 68.7806, 76.3484

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.0910, 67.9419, 74.0788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8000, 68.7806, 76.3484 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(198, 221, 218)` looks like.

```
.text, #text, p{  
    color:rgb(198, 221, 218)  
}
```

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(198, 221, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 221, 218) }
```

Border

The CSS property to change the border of an element to XYZ 61.8000, 68.7806, 76.3484 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(198, 221, 218) }
```


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

```
.border{ border-color:rgb(198, 221, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 221, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 221, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 221, 218);  
box-shadow:4px 4px 4px 4px rgb(198, 221,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8000, 68.7806, 76.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 221, 218) }
```

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

```
.background{ background-color: rgb(198,  
221, 218) }
```

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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