

Converting Colors

XYZ(60.2215, 66.0070, 75.1844)

Have a look what the booklet for
XYZ(60.2215, 66.0070, 75.1844)
contains.

XYZ(60.3690, 66.1273, 75.2277)	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(60.3690, 66.1273,
75.2277)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D8D9
RGB	198, 216, 217
RGB Percent	78%, 85%, 85%
CMY	0.2235, 0.1529, 0.1490
CMYK	0.09, 0.00, 0.00, 0.15
HSL	183°, 20%, 81%
HSV	183°, 9%, 85%
XYZ	60.3690, 66.1273, 75.2277
YIQ	210.7320, -11.0490, -3.5050

Conversions

Conversions Part 2

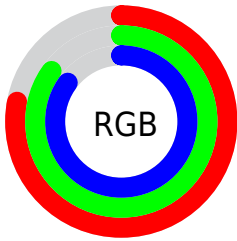
Format	Color
RYB	198, 207, 217
Decimal	13031641
CIELab	85.06, -5.81, -2.56
CIELCh	85, 6.354, 203.804
Yxy	66.1273, 0.2993, 0.3278
Android (android.graphics.Color)	4291221721 (0xFFC6D8D9)
YUV	210.7320, 3.0901, -11.1660
Hunter-Lab	81.3187, -9.7937, 2.0741

Details

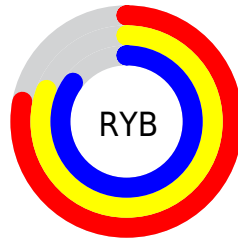
The XYZ color **60.3690, 66.1273, 75.2277** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2321, 59.6754, 61.8239**, and the grayscale version is **61.7271, 64.9418, 70.7216**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7681, 34.0277, 39.1288** is the 20% darker color. If you saturate the color by 10%, you get **54.7639, 62.8081, 74.8835**, and if you desaturate by 10%, it is **66.7995, 69.8786, 75.6139**.

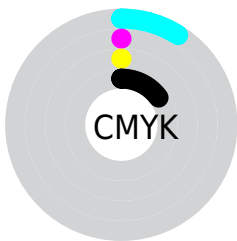
Distribution



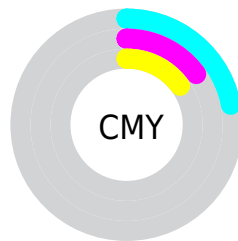
- Red (78%)
- Green (85%)
- Blue (85%)



- Red (78%)
- Yellow (81%)
- Blue (85%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3690, 66.1273, 75.2277 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 60.3690, 66.1273, 75.2277 by changing the saturation by 10% instead.

■ 60.3690, 66.1273,
75.2277

■ 60.3690, 66.1273,
75.2277

415.7695,
446.8320, 497.9761

■ 43.9667, 48.3757,
55.2966

104.4681,
113.6690, 128.3847

■ 30.8421, 34.1245,
39.2390

132.8956,
144.2280, 162.4477

■ 20.6299, 22.9893,
26.6365

166.0622,
179.8249, 202.0583

■ 12.9647, 14.5856,
17.0704

204.3333,
220.8441, 247.6352

■ 7.4811, 8.5291,
10.1222

248.0742,
267.6700, 299.5969

■ 3.8137, 4.4353,
5.3734

297.6503,

■ 1.5973, 1.9199,

320.6870, 358.3620

2.4054

353.4270,
380.2796, 424.3488

■ 0.3906, 0.5603,
0.7894

■ 0.0000, 0.0000,
0.0000

■ 60.3690, 66.1273,
75.2277

■ 60.3690, 66.1273,
75.2277

■ 54.7639, 62.8081,
74.8835

■ 66.7995, 69.8786,
75.6139

■ 49.9437, 59.8947,
74.5752

■ 74.0821, 74.0704,
76.0391

■ 45.8731, 57.3708,
74.3026

■ 79.2058, 77.1522,
76.3639

■ 42.5121, 55.2157,
74.0637

■ 79.5045, 77.7497,
76.4635

■ 39.8167, 53.4066,
73.8566

■ 79.8053, 78.3512,
76.5638

■ 37.7381, 51.9185,
73.6789

■ 80.1081, 78.9569,
76.6647

■ 36.2207, 50.7227,
73.5281

■ 80.4130, 79.5666,
76.7663

■ 35.1991, 49.7854,
73.4010

■ 80.7199, 80.1805,
76.8686

■ 34.5720, 49.0545,
73.2930

■ 81.0289, 80.7984,
76.9716

Harmonies

Analogous

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



60.1571, 66.1273, 71.1546



60.3690, 66.1273, 75.2277



61.2417, 66.1273, 78.5471

Triad

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



60.3690, 66.1273, 75.2277



65.0979, 66.1273, 76.7540



63.1493, 66.1273, 64.4508

Complementary

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



60.3690, 66.1273, 75.2277



59.2321, 59.6754, 61.8239

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.



64.4903, 66.1273, 65.8298



60.3690, 66.1273, 75.2277



65.6262, 66.1273, 72.8549

Square

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



60.3690, 66.1273, 75.2277



63.9687, 66.1273, 79.4514



65.4022, 66.1273, 68.8687



61.7484, 66.1273, 65.0322

Rectangle

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



60.3690, 66.1273, 75.2277



62.0880, 66.1273, 79.8338



65.4022, 66.1273, 68.8687



63.6223, 66.1273, 64.6988

Sweetspot

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



60.3709, 66.1301, 75.2292



92.1634, 98.3221, 108.7283



58.4057, 65.7538, 63.6170



19.5657, 20.9511, 23.2627



0.0000, 0.0000, 0.0000



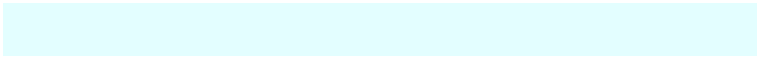
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3709, 66.1301, 75.2292



85.0052, 94.1276, 108.2959



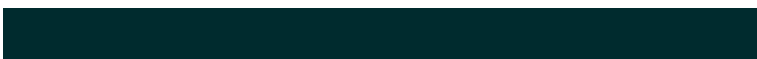
58.0182, 61.4246, 74.4449



13.3833, 14.7064, 16.7854



20.9116, 29.6925, 44.3675



1.3731, 1.9602, 2.8804

Inverse Universe

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



61.2055, 60.0991, 73.3434



86.5094, 83.2964, 104.8889



61.4751, 64.1616, 62.5716



13.5833, 13.2624, 16.3331



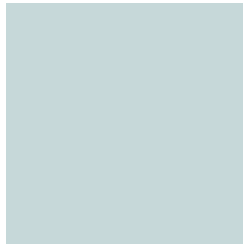
24.0505, 11.6212, 36.2416



1.5673, 0.7566, 2.3966

Previews

White Background



This preview shows how the XYZ color 60.3690, 66.1273, 75.2277 looks on a white background.

Color Contrast Check

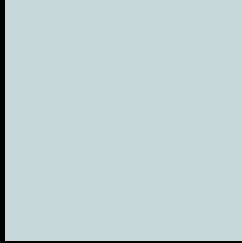
Large Text (above 18pt) WCAG AA × Fail

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 60.3690, 66.1273, 75.2277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

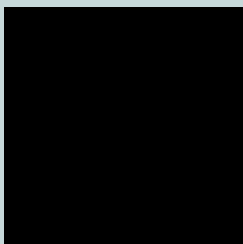
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

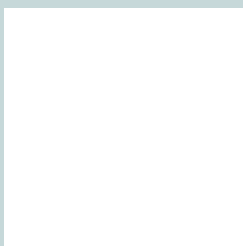
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3690, 66.1273, 75.2277

Background



This preview shows how black text looks on a background with the XYZ color 60.3690, 66.1273, 75.2277.



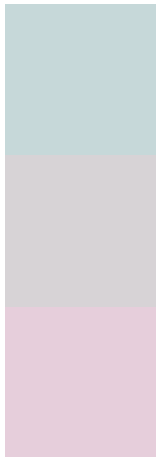
This preview shows how white text looks on a background with the XYZ color 60.3690, 66.1273,

75.2277.

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

60.3690, 66.1273, 75.2277

Protanopia

63.4562, 65.8906, 72.9920

Deuteranopia

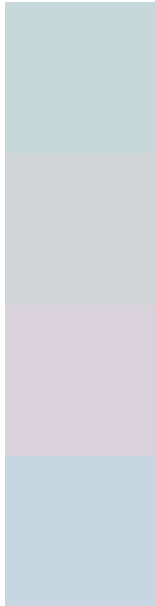
67.4906, 66.0801, 76.2154



Tritanopia

62.2898, 66.1420, 85.0850

Trichromacy



Original Color

60.3690, 66.1273, 75.2277

Protanomaly

62.3545, 66.0501, 73.7525

Deuteranomaly

64.6149, 66.0606, 75.6751

Tritanomaly

61.5811, 66.2340, 81.4903

Monochromacy



Original Color

60.3690, 66.1273, 75.2277

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.2581, 65.5144, 72.3677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3690, 66.1273, 75.2277 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, 216, 217)` looks like.

```
.text, #text, p{  
    color:rgb(198, 216, 217)  
}
```

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, 216, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 216, 217) }
```

Border

The CSS property to change the border of an element to XYZ 60.3690, 66.1273, 75.2277 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, 216, 217) }
```


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

```
.border{ border-color:rgb(198, 216, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 216, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 216, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 216, 217);  
box-shadow:4px 4px 4px 4px rgb(198, 216,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3690, 66.1273, 75.2277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 216, 217) }
```

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

```
.background{ background-color: rgb(198,  
216, 217) }
```

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