

Converting Colors

XYZ(61.3263, 66.3693, 80.2916)

Have a look what the booklet for
XYZ(61.3263, 66.3693, 80.2916)
contains.

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Color

**XYZ(61.2991, 66.4993,
80.1259)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D8E0
RGB	198, 216, 224
RGB Percent	78%, 85%, 88%
CMY	0.2235, 0.1529, 0.1216
CMYK	0.12, 0.04, 0.00, 0.12
HSL	198°, 30%, 83%
HSV	198°, 12%, 88%
XYZ	61.2991, 66.4993, 80.1259
YIQ	211.5300, -13.2960, -1.3280

Conversions

Conversions Part 2

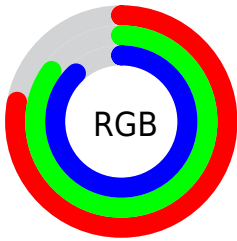
Format	Color
R _Y B	198, 209, 224
Decimal	13031648
CIE Lab	85.25, -4.43, -6.00
CIE LCh	85, 7.456, 233.522
Yxy	66.4993, 0.2948, 0.3198
Android (android.graphics.Color)	4291221728 (0xFFC6D8E0)
YUV	211.5300, 6.1477, -11.8658
Hunter-Lab	81.5471, -8.5287, -1.1737

Details

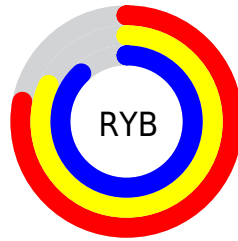
The XYZ color **61.2991, 66.4993, 80.1259** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0052, 64.0668, 62.4726**, and the grayscale version is **62.2359, 65.4770, 71.3045**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4079, 34.2836, 42.4981** is the 20% darker color. If you saturate the color by 10%, you get **54.0980, 60.2230, 79.2950**, and if you desaturate by 10%, it is **69.4513, 73.3793, 81.0253**.

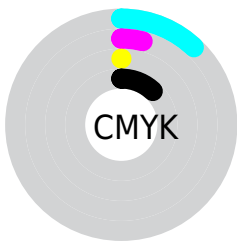
Distribution



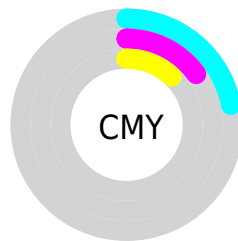
- Red (78%)
- Green (85%)
- Blue (88%)



- Red (78%)
- Yellow (82%)
- Blue (88%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (22%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2991, 66.4993, 80.1259 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 61.2991, 66.4993, 80.1259 by changing the saturation by 10% instead.

■ 61.2991, 66.4993,
80.1259

■ 61.2991, 66.4993,
80.1259

419.1282,
448.1604, 515.0750

■ 44.7201, 48.6778,
59.2952

105.8076,
114.2027, 135.3557

■ 31.4373, 34.3640,
42.4292

134.4677,
144.8534, 170.5919

■ 21.0855, 23.1734,
29.1094

167.8855,
180.5492, 211.4670

■ 13.2994, 14.7216,
18.9173

206.4265,
221.6747, 258.3995

■ 7.7134, 8.6242,
11.4344

250.4558,
268.6142, 311.8081

■ 3.9624, 4.4969,
6.2420

300.3390,

■ 1.6809, 1.9552,

321.7520, 372.1111

2.9216

356.4414,
381.4726, 439.7272

■ 0.4443, 0.5813,
1.0547

■ 0.0000, 0.0000,
0.0000

■ 61.2991, 66.4993,
80.1259

■ 61.2991, 66.4993,
80.1259

■ 54.0980, 60.2230,
79.2950

■ 69.4513, 73.3793,
81.0253

■ 47.8031, 54.5207,
78.5262

■ 78.5855, 80.8750,
81.9906

■ 42.3745, 49.3721,
77.8185

■ 84.8846, 87.0216,
82.8451

■ 37.7666, 44.7525,
77.1697

■ 86.9143, 91.0809,
83.5216

■ 33.9298, 40.6348,
76.5771

■ 89.0214, 95.2952,
84.2240

■ 30.8084, 36.9888,
76.0379

■ 90.4548, 98.1619,
84.7018

■ 28.3387, 33.7804,
75.5488

■ 26.4446, 30.9686,
75.1059

■ 25.1935, 28.8594,
74.7647

Harmonies

Analogous

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



60.2815, 66.4993, 76.1728



61.2991, 66.4993, 80.1259



62.8408, 66.4993, 82.0220

Triad

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



61.2991, 66.4993, 80.1259



66.4795, 66.4993, 73.4582



61.9214, 66.4993, 64.2282

Complementary

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



61.2991, 66.4993, 80.1259



63.0052, 64.0668, 62.4726

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.



63.5718, 66.4993, 63.5734



61.2991, 66.4993, 80.1259



66.2228, 66.4993, 68.7663

Square

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



61.2991, 66.4993, 80.1259



65.8465, 66.4993, 78.0636



65.1512, 66.4993, 65.1994



60.6363, 66.4993, 67.0294

Rectangle

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



61.2991, 66.4993, 80.1259



63.9661, 66.4993, 81.8070



65.1512, 66.4993, 65.1994



62.4511, 66.4993, 63.7551

Sweetspot

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



61.3010, 66.5021, 80.1274



91.5453, 97.0858, 108.5222



61.0618, 69.7648, 68.5140



19.3983, 20.6164, 23.2069



0.0000, 0.0000, 0.0000



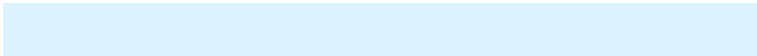
20.3446, 21.4041, 23.3091

Same Dimension

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



61.3010, 66.5021, 80.1274



79.7103, 87.0398, 107.2069



58.1476, 60.1952, 79.0762



13.7423, 14.8237, 17.5246



14.7705, 17.0105, 43.5532



1.1020, 1.3355, 3.0449

Inverse Universe

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



63.3307, 61.1947, 73.4428



82.9820, 78.6126, 96.4037



66.2140, 70.4844, 63.5422



14.1061, 13.8601, 16.3291



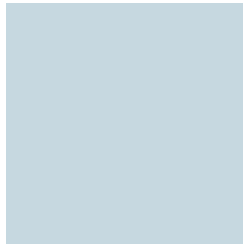
21.3957, 10.6253, 19.2811



1.5225, 0.7523, 1.5444

Previews

White Background



This preview shows how the XYZ color 61.2991, 66.4993, 80.1259 looks on a white background.

Color Contrast Check

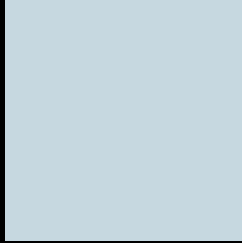
Large Text (above 18pt) WCAG AA × Fail

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 61.2991, 66.4993, 80.1259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

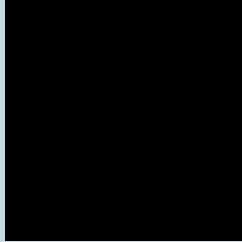
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

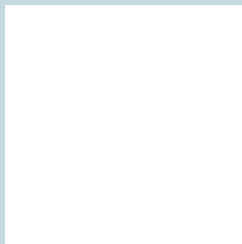
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2991, 66.4993, 80.1259

Background



This preview shows how black text looks on a background with the XYZ color 61.2991, 66.4993, 80.1259.



This preview shows how white text looks on a background with the XYZ color 61.2991, 66.4993,

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

61.2991, 66.4993, 80.1259

Protanopia

64.0770, 66.1051, 77.7890

Deuteranopia

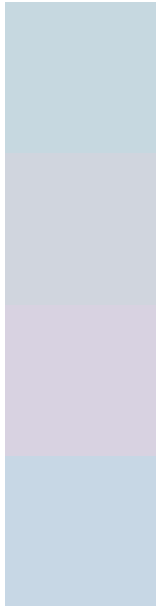
67.7188, 66.4475, 81.2080



Tritanopia

62.4191, 66.5692, 85.9032

Trichromacy



Original Color

61.2991, 66.4993, 80.1259

Protanomaly

62.9915, 66.2723, 78.5791

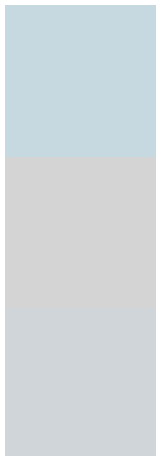
Deuteranomaly

64.9561, 66.1284, 80.5747

Tritanomaly

61.9965, 66.4001, 83.6777

Monochromacy



Original Color

61.2991, 66.4993, 80.1259

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.9210, 65.8118, 74.4051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2991, 66.4993, 80.1259 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, 224) looks like.

```
.text, #text, p{  
    color:rgb(198, 216, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 216, 224) }
```

Border

The CSS property to change the border of an element to XYZ 61.2991, 66.4993, 80.1259 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, 224) }
```


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

```
.border{ border-color:rgb(198, 216, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 216, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 216, 224);  
box-shadow:4px 4px 4px 4px rgb(198, 216,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2991, 66.4993, 80.1259 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, 224) }
```

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

```
.background{ background-color: rgb(198,  
216, 224) }
```

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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