

Converting Colors

XYZ(60.4777, 68.4456, 79.0722)

Have a look what the booklet for
XYZ(60.4777, 68.4456, 79.0722)
contains.

XYZ(60.5413, 68.4636, 79.1312)	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(60.5413, 68.4636,
79.1312)**

Conversions

Conversions Part 1

Format	Color
Hex	BEDEDE
RGB	190, 222, 222
RGB Percent	75%, 87%, 87%
CMY	0.2549, 0.1294, 0.1294
CMYK	0.14, 0.00, 0.00, 0.13
HSL	180°, 33%, 81%
HSV	180°, 14%, 87%
XYZ	60.5413, 68.4636, 79.1312
YIQ	212.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

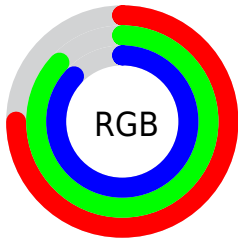
Format	Color
R _Y B	190, 206, 222
Decimal	12508894
CIE Lab	86.24, -10.48, -3.54
CIE LCh	86, 11.059, 198.686
Yxy	68.4636, 0.2909, 0.3289
Android (android.graphics.Color)	4290698974 (0xFFBEDEDE)
YUV	212.4320, 4.7170, -19.6729
Hunter-Lab	82.7427, -14.1947, 1.2178

Details

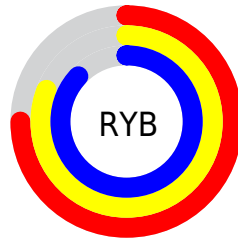
The XYZ color **60.5413, 68.4636, 79.1312** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.8344, 56.0761, 56.4937**, and the grayscale version is **62.8470, 66.1199, 72.0046**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **30.9471, 35.6617, 41.8115** is the 20% darker color. If you saturate the color by 10%, you get **55.4135, 65.8220, 78.8912**, and if you desaturate by 10%, it is **66.5176, 71.5463, 79.4138**.

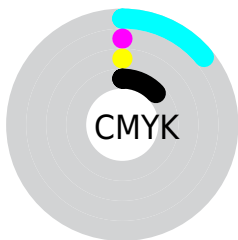
Distribution



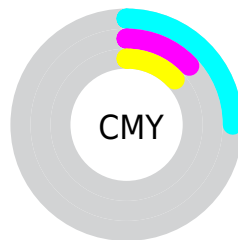
- Red (75%)
- Green (87%)
- Blue (87%)



- Red (75%)
- Yellow (81%)
- Blue (87%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (25%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5413, 68.4636, 79.1312 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 60.5413, 68.4636, 79.1312 by changing the saturation by 10% instead.

60.5413, 68.4636,
79.1312

60.5413, 68.4636,
79.1312

416.3930,
455.1368, 511.6294

44.1062, 50.2750,
58.4817

104.7164,
117.0151, 133.9439

30.9523, 35.6319,
41.7788

133.1871,
148.1468, 168.9442

20.7142, 24.1501,
28.6038

166.4004,
184.3616, 209.5652

13.0265, 15.4450,
18.5383

204.7216,
226.0440, 256.2254

7.5239, 9.1323,
11.1638

248.5161,
273.5783, 309.3434

3.8411, 4.8276,
6.0615

298.1493,

1.6126, 2.1464,

327.3490, 369.3377

2.8131

353.9864,
387.7403, 436.6269

■ 0.4006, 0.6906,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5413, 68.4636,
79.1312

■ 60.5413, 68.4636,
79.1312

■ 55.4135, 65.8220,
78.8912

■ 66.5176, 71.5463,
79.4138

■ 51.0903, 63.5933,
78.6874


■ 73.3723, 75.0800,
79.7361


■ 47.5325, 61.7593,
78.5194


■ 80.5484, 78.7794,
80.0734


■ 44.6957, 60.2968,
78.3852


■ 80.5487, 78.7795,
80.0748

 42.5306, 59.1807,
78.2824


 80.5489, 78.7796,
80.0763


 40.9818, 58.3823,
78.2085


 80.5492, 78.7797,
80.0778


 39.9852, 57.8686,
78.1604

 80.5495, 78.7798,
80.0793

 39.4625, 57.5992,
78.1344

 80.5498, 78.7799,
80.0808

 39.3051, 57.5181,
78.1262

 80.5501, 78.7800,
80.0822

Harmonies

Analogous

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



60.3861, 68.4636, 71.8264



60.5413, 68.4636, 79.1312



61.8916, 68.4636, 85.5878

Triad

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



60.5413, 68.4636, 79.1312



68.8220, 68.4636, 84.1968



66.0385, 68.4636, 61.6166

Complementary

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



60.5413, 68.4636, 79.1312



57.8344, 56.0761, 56.4937

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.



68.3607, 68.4636, 64.4958



60.5413, 68.4636, 79.1312



69.9955, 68.4636, 77.3318

Square

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



60.5413, 68.4636, 79.1312



66.6548, 68.4636, 88.6415



69.8245, 68.4636, 70.1399



63.5157, 68.4636, 62.0287

Rectangle

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



60.5413, 68.4636, 79.1312



63.3081, 68.4636, 88.3947



69.8245, 68.4636, 70.1399



66.8696, 68.4636, 62.2236

Sweetspot

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



60.5433, 68.4664, 79.1327



91.3963, 98.1165, 108.7282



56.7862, 66.9790, 58.6517



19.4202, 20.9276, 23.2656



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.



60.5433, 68.4664, 79.1327



80.8599, 92.6848, 108.2325



56.6219, 60.6231, 77.8276



14.1166, 15.5724, 17.6491



23.3454, 34.1630, 46.4034



1.6182, 2.3680, 3.2165

Inverse Universe

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



57.8344, 56.0761, 56.4937



76.5361, 72.9082, 72.0976



61.3640, 63.1360, 57.6687



13.7073, 13.7006, 14.2291



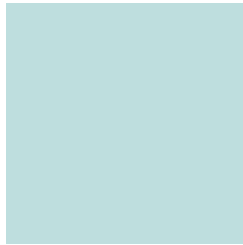
17.8933, 9.2243, 0.8379



1.2403, 0.6394, 0.0582

Previews

White Background



This preview shows how the XYZ color 60.5413, 68.4636, 79.1312 looks on a white background.

Color Contrast Check

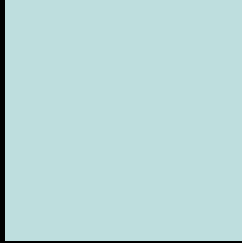
Large Text (above 18pt) WCAG AA × Fail

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 60.5413, 68.4636, 79.1312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

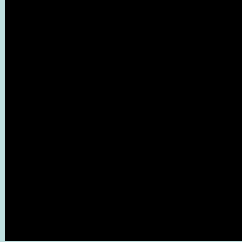
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

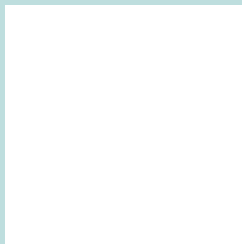
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5413, 68.4636, 79.1312

Background



This preview shows how black text looks on a background with the XYZ color 60.5413, 68.4636, 79.1312.

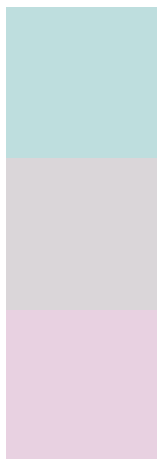


This preview shows how white text looks on a background with the XYZ color 60.5413, 68.4636,

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

60.5413, 68.4636, 79.1312

Protanopia

65.4844, 68.0083, 75.3212

Deuteranopia

69.6698, 68.1930, 80.7247



Tritanopia

62.8716, 68.6383, 90.0556

Trichromacy



Original Color

60.5413, 68.4636, 79.1312

Protanomaly

63.6115, 68.1501, 76.8194

Deuteranomaly

66.1164, 68.2267, 80.2054

Tritanomaly

62.1602, 68.7456, 86.3370

Monochromacy



Original Color

60.5413, 68.4636, 79.1312

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.8524, 66.9070, 74.6201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5413, 68.4636, 79.1312 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(190, 222, 222)` looks like.

```
.text, #text, p{  
    color:rgb(190, 222, 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(190, 222, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 222, 222) }
```

Border

The CSS property to change the border of an element to XYZ 60.5413, 68.4636, 79.1312 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(190, 222, 222) }
```


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

```
.border{ border-color:rgb(190, 222, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 222, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 222, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 222, 222);  
box-shadow:4px 4px 4px 4px rgb(190, 222,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5413, 68.4636, 79.1312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 222, 222) }
```

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

```
.background{ background-color: rgb(190,  
222, 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](#).

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