

Converting Colors

XYZ(36.0144, 41.2210, 60.7035)

Have a look what the booklet for
XYZ(36.0144, 41.2210, 60.7035)
contains.

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Color

**XYZ(36.0611, 41.3159,
60.7177)**

Conversions

Conversions Part 1

Format	Color
Hex	84B3C8
RGB	132, 179, 200
RGB Percent	52%, 70%, 78%
CMY	0.4823, 0.2980, 0.2157
CMYK	0.34, 0.10, 0.00, 0.22
HSL	199°, 38%, 65%
HSV	199°, 34%, 78%
XYZ	36.0611, 41.3159, 60.7177
YIQ	167.3410, -34.7530, -3.4330

Conversions

Conversions Part 2

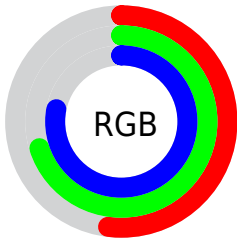
Format	Color
RYB	132, 160, 200
Decimal	8696776
CIELab	70.40, -10.43, -15.66
CIELCh	70, 18.816, 236.331
Yxy	41.3159, 0.2611, 0.2992
Android (android.graphics.Color)	4286886856 (0xFF84B3C8)
YUV	167.3410, 16.1009, -30.9941
Hunter-Lab	64.2774, -12.3430, -11.0123

Details

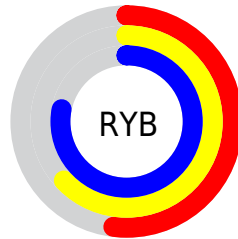
The XYZ color **36.0611, 41.3159, 60.7177** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.3760, 36.7280, 26.8446**, and the grayscale version is **36.8339, 38.7521, 42.2011**.

A 20% lighter version of the original color is **68.2518, 77.2015, 105.9119**, and **15.8736, 18.6593, 29.9591** is the 20% darker color. If you saturate the color by 10%, you get **32.0184, 37.4361, 60.1826**, and if you desaturate by 10%, it is **40.7614, 45.6189, 61.3012**.

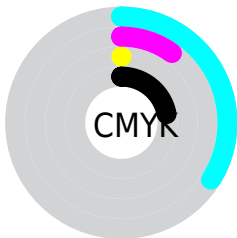
Distribution



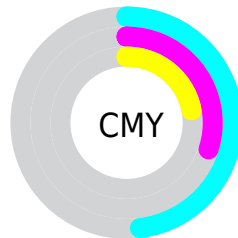
- Red (52%)
- Green (70%)
- Blue (78%)



- Red (52%)
- Yellow (63%)
- Blue (78%)



- Cyan (34%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (48%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0611, 41.3159, 60.7177 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 36.0611, 41.3159, 60.7177 by changing the saturation by 10% instead.

■ 36.0611, 41.3159,
60.7177

■ 36.0611, 41.3159,
60.7177

320.6541,
351.6392, 445.1160

■ 24.6517, 28.5660,
43.5683

■ 68.4496, 77.1632,
107.4236

■ 15.9451, 18.7528,
29.9966

■ 90.1595, 101.0294,
137.8172

■ 9.5759, 11.4918,
19.5840

■ 116.0335,
129.3698, 173.4627

■ 5.1788, 6.3986,
11.9119

146.4371,
162.5689, 214.7785

■ 2.3884, 3.0890,
6.5619

181.7356,
201.0110, 262.1831

■ 0.8393, 1.1783,
3.1154

222.2944,

■ 0.0000, 0.0439,

245.0804, 316.0953

1.1539

268.4787,
295.1617, 376.9334

■ 0.0000, 0.0000,
0.0000

■ 36.0611, 41.3159,
60.7177

■ 36.0611, 41.3159,
60.7177

■ 32.0184, 37.4361,
60.1826

■ 40.7614, 45.6189,
61.3012

■ 28.5943, 33.9556,
59.6913

■ 46.1477, 50.3579,
61.9321

■ 25.7515, 30.8549,
59.2426

■ 52.2515, 55.5512,
62.6128

■ 23.4469, 28.1106,
58.8344

■ 59.1010, 61.2143,
63.3449

■ 21.6305, 25.6960,
58.4640

■ 66.7229, 67.3620,
64.1298

■ 20.2424, 23.5789,
58.1286

■ 75.1425, 74.0082,
64.9688

■ 19.5487, 22.4166,
57.9408

■ 77.8492, 77.7977,
65.5576

■ 79.5220, 81.1434,
66.1152

■ 81.2556, 84.6105,
66.6931

Harmonies

Analogous

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



34.1726, 41.3159, 52.9792



36.0611, 41.3159, 60.7177



38.8899, 41.3159, 64.2332

Triad

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



36.0611, 41.3159, 60.7177



45.5144, 41.3159, 46.0856



36.6880, 41.3159, 31.3717

Complementary

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



36.0611, 41.3159, 60.7177



39.3760, 36.7280, 26.8446

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.



39.6516, 41.3159, 30.0279



36.0611, 41.3159, 60.7177



44.8496, 41.3159, 37.8401

Square

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



36.0611, 41.3159, 60.7177



44.4348, 41.3159, 55.1142



42.6628, 41.3159, 32.2374



34.5209, 41.3159, 36.1814

Rectangle

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



36.0611, 41.3159, 60.7177



40.9672, 41.3159, 63.4089



42.6628, 41.3159, 32.2374



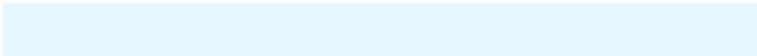
37.6194, 41.3159, 30.5293

Sweetspot

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



36.0624, 41.3175, 60.7187



83.8221, 90.5588, 107.6694



35.8711, 48.4950, 37.3486



17.6261, 19.1135, 23.0102



0.0000, 0.0000, 0.0000



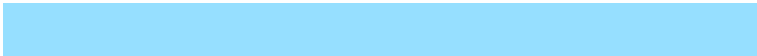
20.3446, 21.4041, 23.3091

Same Dimension

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



36.0624, 41.3175, 60.7187



57.0224, 66.3703, 104.4131



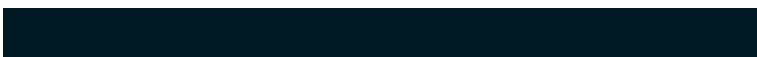
30.1592, 29.5113, 58.7509



10.6597, 11.4935, 13.5741



12.5122, 14.4182, 36.8679



0.6546, 0.8070, 1.7664

Inverse Universe

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



40.2084, 32.0375, 46.7143



65.4992, 48.5290, 75.5260



45.6283, 49.2327, 28.9287



10.9383, 10.7587, 12.6582



18.1149, 8.9955, 16.3468



0.8891, 0.4385, 0.9393

Previews

White Background



This preview shows how the XYZ color 36.0611, 41.3159, 60.7177 looks on a white background.

Color Contrast Check

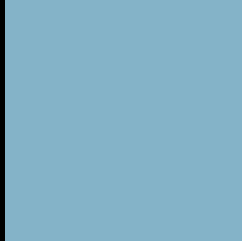
Large Text (above 18pt) WCAG AA × Fail

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 36.0611, 41.3159, 60.7177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

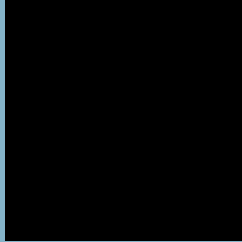
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0611, 41.3159, 60.7177

Background



This preview shows how black text looks on a background with the XYZ color 36.0611, 41.3159, 60.7177.



This preview shows how white text looks on a background with the XYZ color 36.0611, 41.3159,

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

36.0611, 41.3159, 60.7177

Protanopia

40.2608, 40.9693, 56.8248

Deuteranopia

41.8969, 41.1538, 61.6124



Tritanopia

35.4189, 41.3629, 57.1560

Trichromacy



Original Color

36.0611, 41.3159, 60.7177

Protanomaly

38.4249, 40.8412, 58.0825

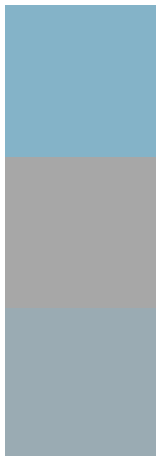
Deuteranomaly

39.3957, 40.9912, 61.0941

Tritanomaly

35.6451, 41.4533, 58.3471

Monochromacy



Original Color

36.0611, 41.3159, 60.7177

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.0260, 39.2505, 48.3252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0611, 41.3159, 60.7177 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(132, 179, 200)` looks like.

```
.text, #text, p{  
    color:rgb(132, 179, 200)  
}
```

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(132, 179, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 179, 200) }
```

Border

The CSS property to change the border of an element to XYZ 36.0611, 41.3159, 60.7177 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(132, 179, 200) }
```


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

```
.border{ border-color:rgb(132, 179, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 179, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 179, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 179, 200);  
box-shadow:4px 4px 4px 4px rgb(132, 179,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0611, 41.3159, 60.7177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 179, 200) }
```

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

```
.background{ background-color: rgb(132,  
179, 200) }
```

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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