

Converting Colors

YUV(165.4360, 18.5191,
-60.0184)

Have a look what the booklet for
YUV(165.4360, 18.5191, -60.0184)
contains.

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Color

**YUV(165.4360, 18.5191,
-60.0184)**

Conversions

Conversions Part 1

Format	Color
Hex	61C1CB
RGB	97, 193, 203
RGB Percent	38%, 76%, 80%
CMY	0.6196, 0.2431, 0.2039
CMYK	0.52, 0.05, 0.00, 0.20
HSL	186°, 50%, 59%
HSV	186°, 52%, 80%
XYZ	34.7792, 44.9931, 63.3514
YIQ	165.4360, -60.4260, -17.2420

Conversions

Conversions Part 2

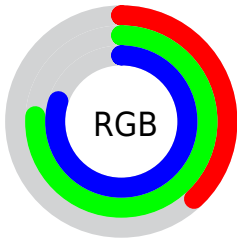
Format	Color
RYB	97, 147, 203
Decimal	6406603
CIELab	72.89, -25.51, -13.71
CIELCh	73, 28.960, 208.261
Yxy	44.9931, 0.2430, 0.3144
Android (android.graphics.Color)	4284596683 (0xFF61C1CB)
YUV	165.4360, 18.5191, -60.0184
Hunter-Lab	67.0769, -24.8327, -9.0431

Details

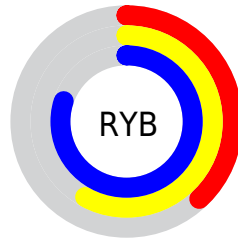
The YUV color **165.4360, 18.5191, -60.0184** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **134.5640, -18.5191, 60.0184**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1650, 16.1877, -58.9037**, and **107.5490, 20.4353, -68.0105** is the 20% darker color. If you saturate the color by 10%, you get **158.2820, 22.0460, -71.2843**, and if you desaturate by 10%, it is **172.5900, 14.9921, -48.7524**.

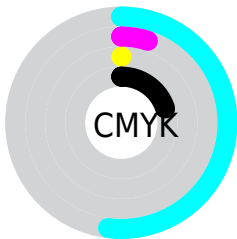
Distribution



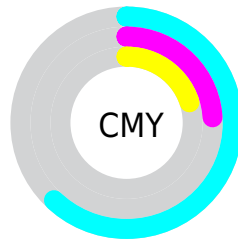
- Red (38%)
- Green (76%)
- Blue (80%)



- Red (38%)
- Yellow (58%)
- Blue (80%)



- Cyan (52%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (62%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.4360, 18.5191, -60.0184 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 YUV color 165.4360, 18.5191, -60.0184 by changing the saturation by 10% instead.

■ 165.4360, 18.5191,
-60.0184

■ 165.4360, 18.5191,
-60.0184

255.0000, 0.0000,
0.0000

■ 137.5390, 18.9613,
-61.8627

■ 222.1650, 16.1877,
-58.9037

■ 107.5490, 20.4353,
-68.0105

■ 233.7710, 10.4659,
-43.6492

■ 80.3530, 21.0250,
-70.4696

■ 242.7410, 6.0437,
-25.2059

■ 63.4150, 17.0504,
-55.6150

■ 251.4120, 1.7689,
-7.3773

■ 46.5910, 13.5126,
-40.8603

■ 30.5820, 10.5591,
-26.8204

■ 14.6870, 8.0423,

-12.8805

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 165.4360, 18.5191,
-60.0184

■ 165.4360, 18.5191,
-60.0184

■ 158.2820, 22.0460,
-71.2843

■ 172.5900, 14.9921,
-48.7524

■ 150.8290, 25.7203,
-83.1650

■ 180.0430, 11.3178,
-36.8717

■ 143.6750, 29.2472,
-94.4310

■ 187.1970, 7.7909,
-25.6058

■ 136.5210, 32.7741,
-105.6969

■ 194.3510, 4.2640,
-14.3398

■ 131.1500, 35.4220,
-115.0186

■ 201.8040, 0.5896,
-2.4591

■ 208.3710, -2.6479,
9.3216

■ 215.5250, -6.1748,
20.5876

■ 221.4830, -9.1121,
29.3944

■ 222.6570, -9.6909,
28.3648

Harmonies

Analogous

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



167.4300, 4.2250, -48.6121



165.4360, 18.5191, -60.0184



168.9560, 26.6437, -52.5814

Triad

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



165.4360, 18.5191, -60.0184



182.9550, 11.8542, 24.5955



177.7640, -25.5197, 18.6240

Complementary

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



165.4360, 18.5191, -60.0184



134.5640, -18.5191, 60.0184

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.



180.0850, -22.2269, 35.8825



165.4360, 18.5191, -60.0184



183.0250, -0.9983, 40.3201

Square

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



165.4360, 18.5191, -60.0184



181.3200, 21.5342, -0.2806



181.5450, -13.0867, 44.2490



174.7720, -21.0866, -3.3080

Rectangle

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



165.4360, 18.5191, -60.0184



173.6850, 27.7633, -38.3117



181.5450, -13.0867, 44.2490



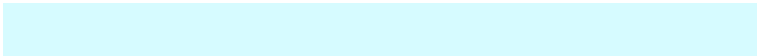
178.5090, -25.3939, 24.9866

Sweetspot

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



165.4360, 18.5191, -60.0184



240.3930, 7.2013, -23.1467



160.2480, -26.7443, -55.4685



118.7640, 4.5533, -13.8250



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



165.4360, 18.5191, -60.0184



198.0560, 28.0734, -91.2571



134.9120, 33.5674, -33.2488



98.4230, 1.7635, -5.6330



106.9740, 29.0998, -93.8162



24.8770, 6.4696, -21.8171

Inverse Universe

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



139.6380, 26.3075, 55.5685



158.7830, 40.0400, 84.3823



165.0880, -33.5674, 33.2488



96.0160, 2.4571, 5.2480



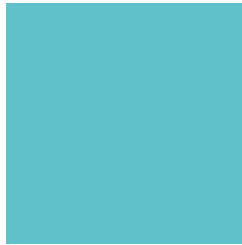
66.7340, 41.0501, 87.0563



15.3520, 9.6865, 19.8623

Previews

White Background



This preview shows how the YUV color 165.4360, 18.5191, -60.0184 looks on a white background.

Color Contrast Check

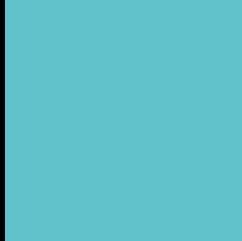
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 165.4360, 18.5191, -60.0184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

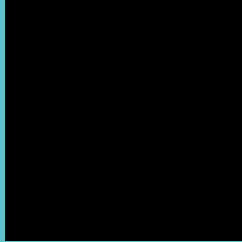
Any Text WCAG AA ✓ Pass

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](#).

YUV 165.4360, 18.5191, -60.0184 Background



This preview shows how black text looks on a background with the YUV color 165.4360, 18.5191, -60.0184.



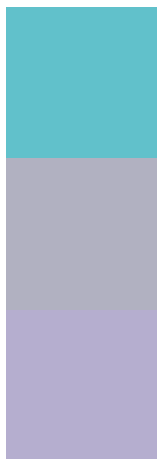
This preview shows how white text looks on a background with the YUV color 165.4360, 18.5191, -60.0184.

-60.0184.

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

165.4360, 18.5191, -60.0184

Protanopia

178.8240, 6.9888, -1.5996

Deuteranopia

179.8550, 13.3825, 1.0042



Tritanopia

166.0170, 20.6976, -58.7739

Trichromacy



Original Color

165.4360, 18.5191, -60.0184

Protanomaly

174.1310, 11.2744, -22.9169

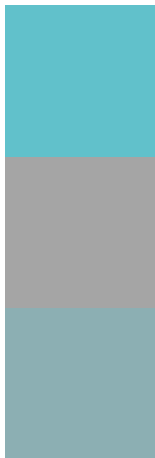
Deuteranomaly

174.5810, 15.4896, -21.5575

Tritanomaly

165.4900, 19.9714, -59.1887

Monochromacy



Original Color

165.4360, 18.5191, -60.0184

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.9910, 6.9064, -21.9171

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.4360, 18.5191, -60.0184 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(97, 193, 203)` looks like.

```
.text, #text, p{  
    color:rgb(97, 193, 203)  
}
```

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(97, 193, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 193, 203) }
```

Border

The CSS property to change the border of an element to YUV 165.4360, 18.5191, -60.0184 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(97, 193, 203) }
```


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

```
.border{ border-color:rgb(97, 193, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 193, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 193, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 193, 203);  
box-shadow:4px 4px 4px 4px rgb(97, 193,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 165.4360, 18.5191, -60.0184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 193, 203) }
```

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

```
.background{ background-color: rgb(97, 193,  
203) }
```

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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