

Converting Colors

YUV(130.0060, 20.7030,
-60.5183)

Have a look what the booklet for
YUV(130.0060, 20.7030, -60.5183)
contains.

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Color

**YUV(130.0060, 20.7030,
-60.5183)**

Conversions

Conversions Part 1

Format	Color
Hex	3D9DAC
RGB	61, 157, 172
RGB Percent	24%, 62%, 67%
CMY	0.7608, 0.3843, 0.3255
CMYK	0.65, 0.09, 0.00, 0.33
HSL	188°, 48%, 46%
HSV	188°, 65%, 67%
XYZ	21.4278, 28.0846, 43.3212
YIQ	130.0060, -62.0310, -15.6870

Conversions

Conversions Part 2

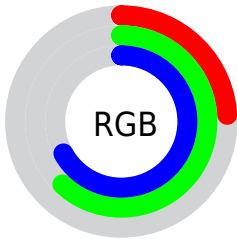
Format	Color
RYB	61, 112, 172
Decimal	4038060
CIELab	59.97, -23.13, -16.12
CIElCh	60, 28.192, 214.887
Yxy	28.0846, 0.2308, 0.3025
Android (android.graphics.Color)	4282228140 (0xFF3D9DAC)
YUV	130.0060, 20.7030, -60.5183
Hunter-Lab	52.9949, -20.5668, -11.3708




Details

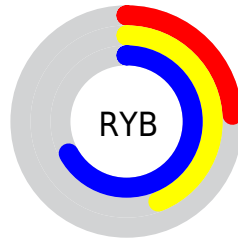
The YUV color **130.0060, 20.7030, -60.5183** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **102.9940, -20.7030, 60.5183**, and the grayscale version is **130.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **186.5010, 19.9660, -57.4444**, and **75.3150, 22.0297, -66.0513** is the 20% darker color. If you saturate the color by 10%, you get **123.7490, 23.7877, -69.9399**, and if you desaturate by 10%, it is **136.2630, 17.6183, -51.0967**.

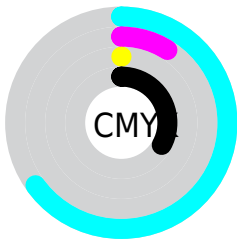
Distribution







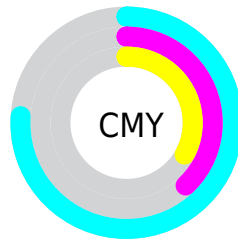
-  Red (24%)
-  Green (62%)
-  Blue (67%)






-  Red (24%)
-  Yellow (44%)
-  Blue (67%)



-  Cyan (65%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (76%)
-  Magenta (38%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.0060, 20.7030, -60.5183 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 130.0060, 20.7030, -60.5183 by changing the saturation by 10% instead.

■ 130.0060, 20.7030,
-60.5183

■ 130.0060, 20.7030,
-60.5183

■ 255.0000, 0.0000,
0.0000

■ 100.0050, 22.1825,
-68.4104

■ 186.5010, 19.9660,
-57.4444

■ 75.3150, 22.0297,
-66.0513

■ 214.8000, 19.8186,
-56.8296

■ 58.3770, 18.0551,
-51.1966

■ 232.2760, 11.2029,
-46.7231

■ 42.1400, 14.2280,
-36.9568

■ 240.9470, 6.9281,
-28.8945

■ 26.7180, 10.9850,
-23.4317

■ 249.9170, 2.5059,
-10.4512

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,

0.0000

■ 130.0060, 20.7030,
-60.5183

■ 130.0060, 20.7030,
-60.5183

■ 123.7490, 23.7877,
-69.9399

■ 136.2630, 17.6183,
-51.0967

■ 116.9050, 27.1618,
-78.8467

■ 143.1070, 14.2442,
-42.1898

■ 110.3490, 30.3939,
-88.8831

■ 149.6630, 11.0121,
-32.1535

■ 107.0710, 32.0100,
-93.9013

■ 155.9200, 7.9274,
-22.7318

■ 162.7640, 4.5533,
-13.8250

■ 169.0210, 1.4686,
-4.4034

■ 175.2780, -1.6161,
5.0182

■ 182.4210, -5.1376,
14.5398

■ 188.6780, -8.2223,
23.9614

Harmonies

Analogous

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



131.7440, 8.0142, -50.6415



130.0060, 20.7030, -60.5183



135.5760, 26.3380, -47.8632

Triad

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



130.0060, 20.7030, -60.5183



148.4670, 8.6438, 27.6544



142.6000, -23.4668, 13.5058

Complementary

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



130.0060, 20.7030, -60.5183



102.9940, -20.7030, 60.5183

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.



144.7530, -22.0632, 30.0346



130.0060, 20.7030, -60.5183



147.7430, -3.3243, 39.6904

Square

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



130.0060, 20.7030, -60.5183



147.2560, 18.6078, 5.0375



146.4690, -14.5282, 39.9307



139.5480, -18.0182, -7.4966

Rectangle

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



130.0060, 20.7030, -60.5183



140.2730, 25.9944, -30.9344



146.4690, -14.5282, 39.9307



143.2310, -23.7779, 19.9684

Sweetspot

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



130.0060, 20.7030, -60.5183



208.5070, 7.6380, -23.2466



127.8670, -25.5704, -58.6424



102.4650, 4.7008, -14.4398



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



130.0060, 20.7030, -60.5183



159.0710, 32.0100, -93.9013



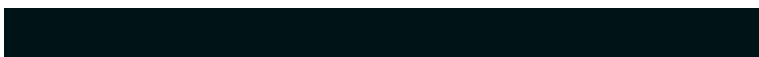
97.7210, 36.6195, -32.2043



83.7220, 1.6161, -5.0182



93.4100, 27.8989, -81.9206



14.3620, 4.2585, -12.5955

Inverse Universe

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



105.1330, 25.5704, 58.6424



120.4140, 39.7289, 90.8449



135.2790, -36.6195, 32.2043



81.6030, 2.1677, 4.7332



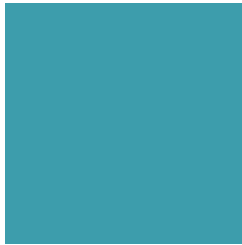
59.6700, 34.6727, 79.2194



9.1570, 5.3456, 12.1403

Previews

White Background



This preview shows how the YUV color 130.0060, 20.7030, -60.5183 looks on a white background.

Color Contrast Check

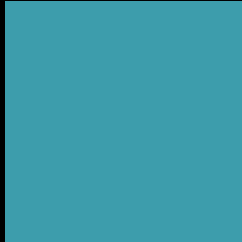
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.0060, 20.7030, -60.5183 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 × Fail

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

YUV 130.0060, 20.7030, -60.5183 Background



This preview shows how black text looks on a background with the YUV color 130.0060, 20.7030, -60.5183.



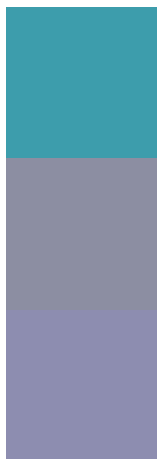
This preview shows how white text looks on a background with the YUV color 130.0060, 20.7030,

-60.5183.

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

130.0060, 20.7030, -60.5183

Protanopia

143.6820, 9.0308, -3.2291

Deuteranopia

144.9900, 15.2879, -3.4992



Tritanopia

129.4790, 19.9769, -60.9331

Trichromacy



Original Color

130.0060, 20.7030, -60.5183

Protanomaly

138.4020, 13.6058, -24.0316

Deuteranomaly

139.7270, 17.3896, -24.3166

Tritanomaly

129.5930, 20.4137, -61.0331

Monochromacy



Original Color

130.0060, 20.7030, -60.5183

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.1050, 7.3432, -22.0171

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.0060, 20.7030, -60.5183 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(61, 157, 172)` looks like.

```
.text, #text, p{  
    color:rgb(61, 157, 172)  
}
```

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(61, 157, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 157, 172) }
```

Border

The CSS property to change the border of an element to YUV 130.0060, 20.7030, -60.5183 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(61, 157, 172) }
```


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

```
.border{ border-color:rgb(61, 157, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 157, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 157, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 157, 172);  
box-shadow:4px 4px 4px 4px rgb(61, 157,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 130.0060, 20.7030, -60.5183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 157, 172) }
```

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

```
.background{ background-color: rgb(61, 157,  
172) }
```

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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