

Converting Colors

YUV(120.0660, 19.6875,
-61.4479)

Have a look what the booklet for
YUV(120.0660, 19.6875, -61.4479)
contains.

YUV(120.0660, 19.6875, -61.4479)	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

**YUV(120.0660, 19.6875,
-61.4479)**

Conversions

Conversions Part 1

Format	Color
Hex	3294A0
RGB	50, 148, 160
RGB Percent	20%, 58%, 63%
CMY	0.8039, 0.4196, 0.3725
CMYK	0.69, 0.07, 0.00, 0.37
HSL	187°, 52%, 41%
HSV	187°, 69%, 63%
XYZ	18.2505, 24.3960, 37.0047
YIQ	120.0660, -62.2600, -17.0440

Conversions

Conversions Part 2

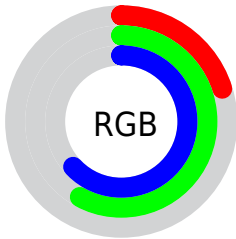
Format	Color
R_{YB}	50, 102, 160
Decimal	3314848
CIE _{Lab}	56.48, -23.97, -14.60
CIE _{LCh}	56, 28.063, 211.354
Yxy	24.3960, 0.2291, 0.3063
Android (android.graphics.Color)	4281504928 (0xFF3294A0)
YUV	120.0660, 19.6875, -61.4479
Hunter-Lab	49.3923, -20.4807, -9.8455

Details

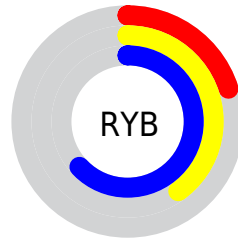
The YUV color **120.0660, 19.6875, -61.4479** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **89.9340, -19.6875, 61.4479**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.2730, 19.0924, -57.2444**, and **69.3650, 19.5401, -60.8331** is the 20% darker color. If you saturate the color by 10%, you get **114.1080, 22.6248, -70.2547**, and if you desaturate by 10%, it is **126.0240, 16.7502, -52.6410**.

Distribution



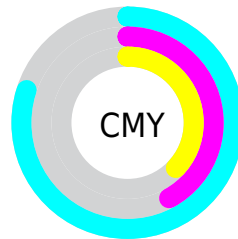
- Red (20%)
- Green (58%)
- Blue (63%)



- Red (20%)
- Yellow (40%)
- Blue (63%)



- Cyan (69%)
- Magenta (7%)
- Yellow (0%)
- Black (37%)



- Cyan (80%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.0660, 19.6875, -61.4479 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 120.0660, 19.6875, -61.4479 by changing the saturation by 10% instead.

120.0660, 19.6875,
-61.4479

120.0660, 19.6875,
-61.4479

255.0000, 0.0000,
0.0000

86.8900, 23.2252,
-76.2025

176.2730, 19.0924,
-57.2444

69.3650, 19.5401,
-60.8331

205.1590, 18.6556,
-57.1444

52.4270, 15.5655,
-45.9785

229.2860, 12.6770,
-52.8708

36.3040, 12.1751,
-31.8386

237.9570, 8.4022,
-35.0423

22.6430, 8.0640,
-19.8579

246.6280, 4.1274,
-17.2138

2.7530, 8.0098,
-2.4144

0.0000, 0.0000,

0.0000

■ 120.0660, 19.6875,
-61.4479

■ 120.0660, 19.6875,
-61.4479

■ 114.1080, 22.6248,
-70.2547

■ 126.0240, 16.7502,
-52.6410

■ 108.7370, 25.2727,
-79.5763

■ 131.3950, 14.1023,
-43.3194

■ 102.7790, 28.2100,
-88.3832

■ 137.3530, 11.1650,
-34.5126

■ 102.1810, 28.5048,
-89.6127

■ 143.3110, 8.2277,
-25.7057

■ 149.2690, 5.2904,
-16.8989

■ 154.6400, 2.6425,
-7.5773

■ 160.5980, -0.2948,
1.2296

■ 166.5560, -3.2321,
10.0364

■ 172.5140, -6.1694,
18.8432

Harmonies

Analogous

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



123.2990, 6.2616, -48.4972



120.0660, 19.6875, -61.4479



124.8530, 26.2015, -50.7371

Triad

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



120.0660, 19.6875, -61.4479



139.0860, 9.8176, 24.4806



133.6110, -23.4722, 15.2502

Complementary

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



120.0660, 19.6875, -61.4479



89.9340, -19.6875, 61.4479

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.



135.6930, -21.0476, 30.9642



120.0660, 19.6875, -61.4479



138.4870, -1.7191, 38.1609

Square

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



120.0660, 19.6875, -61.4479



137.7610, 19.3448, 1.9636



137.2240, -12.9284, 40.1456



131.3310, -18.8972, -5.5523

Rectangle

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



120.0660, 19.6875, -61.4479



130.2510, 26.0053, -34.4231



137.2240, -12.9284, 40.1456



134.9430, -23.6359, 21.0980

Sweetspot

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



120.0660, 19.6875, -61.4479



192.9090, 7.9329, -24.4762



115.8240, -27.0282, -57.7276



95.1660, 4.8482, -15.0546



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



120.0660, 19.6875, -61.4479



146.1200, 30.9998, -96.5752



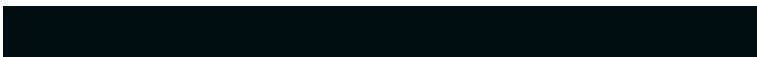
88.3680, 35.3146, -33.6487



76.0210, 1.4686, -4.4034



90.8510, 25.7095, -79.6763



9.9280, 2.5005, -8.7069

Inverse Universe

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



94.0620, 26.5914, 57.8276



105.2830, 41.7655, 90.9598



121.6320, -35.3146, 33.6487



74.1900, 1.8783, 4.2184



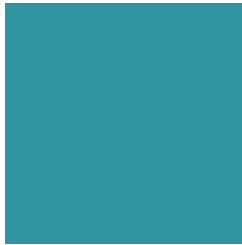
57.2350, 34.3941, 75.2159



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 120.0660, 19.6875, -61.4479 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 120.0660, 19.6875, -61.4479 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 120.0660, 19.6875, -61.4479

Background



This preview shows how black text looks on a background with the YUV color 120.0660, 19.6875, -61.4479.

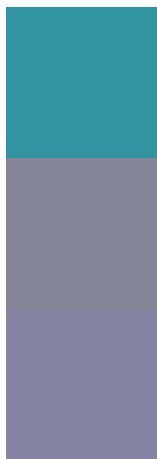


This preview shows how white text looks on a background with the YUV color 120.0660, 19.6875, -61.4479.

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

120.0660, 19.6875, -61.4479

Protanopia

135.3400, 7.7204, -2.9292

Deuteranopia

135.9470, 13.8301, -2.5845



Tritanopia

120.0660, 19.6875, -61.4479

Trichromacy



Original Color

120.0660, 19.6875, -61.4479

Protanomaly

129.6470, 12.0060, -24.2464

Deuteranomaly

130.3850, 16.0792, -24.0166

Tritanomaly

120.0660, 19.6875, -61.4479

Monochromacy



Original Color

120.0660, 19.6875, -61.4479

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.1050, 7.3432, -22.0171

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.0660, 19.6875, -61.4479 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(50, 148, 160)` looks like.

```
.text, #text, p{  
    color:rgb(50, 148, 160)  
}
```

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(50, 148, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 148, 160) }
```

Border

The CSS property to change the border of an element to YUV 120.0660, 19.6875, -61.4479 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(50, 148, 160) }
```


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

```
.border{ border-color:rgb(50, 148, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 148, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 148, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 148, 160);  
box-shadow:4px 4px 4px 4px rgb(50, 148,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 120.0660, 19.6875, -61.4479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 148, 160) }
```

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

```
.background{ background-color: rgb(50, 148,  
160) }
```

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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