

Converting Colors

YUV(121.3600, 20.5285,
-51.1817)

Have a look what the booklet for
YUV(121.3600, 20.5285, -51.1817)
contains.

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Color

**YUV(121.3600, 20.5285,
-51.1817)**

Conversions

Conversions Part 1

Format	Color
Hex	3F8FA3
RGB	63, 143, 163
RGB Percent	25%, 56%, 64%
CMY	0.7529, 0.4392, 0.3608
CMYK	0.61, 0.12, 0.00, 0.36
HSL	192°, 44%, 44%
HSV	192°, 61%, 64%
XYZ	18.4832, 23.3460, 38.1824
YIQ	121.3600, -54.1000, -10.7400

Conversions

Conversions Part 2

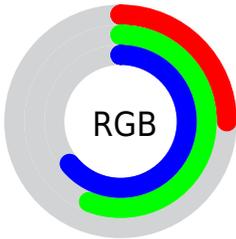
Format	Color
R _{YB}	63, 107, 163
Decimal	4165539
CIE _{Lab}	55.43, -18.20, -17.89
CIE _{LCh}	55, 25.515, 224.508
Y _{xy}	23.3460, 0.2310, 0.2918
Android (android.graphics.Color)	4282355619 (0xFF3F8FA3)
Y _{UV}	121.3600, 20.5285, -51.1817
Hunter-Lab	48.3177, -16.2735, -13.0307

Details

The YUV color **121.3600, 20.5285, -51.1817** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **104.6400, -20.5285, 51.1817**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.3710, 20.5231, -49.4374**, and **66.6580, 21.8606, -58.4591** is the 20% darker color. If you saturate the color by 10%, you get **114.8150, 23.7552, -59.4738**, and if you desaturate by 10%, it is **127.9050, 17.3018, -42.8897**.

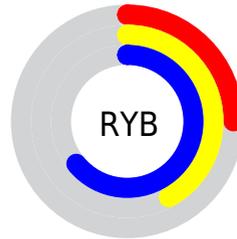
Distribution



Red (25%)

Green (56%)

Blue (64%)



Red (25%)

Yellow (42%)

Blue (64%)

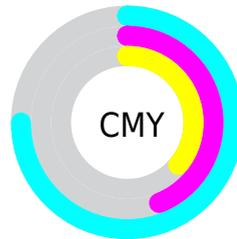


Cyan (61%)

Magenta (12%)

Yellow (0%)

Black (36%)



Cyan (75%)

Magenta (44%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.3600, 20.5285, -51.1817 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 121.3600, 20.5285, -51.1817 by changing the saturation by 10% instead.

■ 121.3600, 20.5285,
-51.1817

■ 121.3600, 20.5285,
-51.1817

■ 255.0000, 0.0000,
0.0000

■ 92.9680, 21.7078,
-56.0999

■ 176.3710, 20.5231,
-49.4374

■ 66.6580, 21.8606,
-58.4591

■ 204.6700, 20.3757,
-48.8226

■ 50.4210, 18.0334,
-44.2192

■ 231.0910, 11.7871,
-47.4378

■ 34.1840, 14.2063,
-29.9794

■ 240.3490, 7.2229,
-30.1241

■ 20.5230, 10.0952,
-17.9987

■ 249.0200, 2.9481,
-12.2955

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 121.3600, 20.5285,
-51.1817

■ 121.3600, 20.5285,
-51.1817

■ 114.8150, 23.7552,
-59.4738

■ 127.9050, 17.3018,
-42.8897

■ 107.3840, 27.4187,
-67.8658

■ 135.3360, 13.6384,
-34.4977

■ 100.8390, 30.6454,
-76.1578

■ 141.8810, 10.4117,
-26.2056

■ 94.8920, 33.5772,
-83.2203

■ 148.4260, 7.1850,
-17.9136

■ 155.2700, 3.8109,
-9.0068

■ 162.4020, 0.2948,
-1.2296

■ 168.9470, -2.9319,
7.0625

■ 175.4920, -6.1586,
15.3545

■ 182.3360, -9.5326,
24.2613

Harmonies

Analogous

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



120.8520, 10.9190, -48.9822



121.3600, 20.5285, -51.1817



126.9690, 23.6793, -35.0528

Triad

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



121.3600, 20.5285, -51.1817



136.3270, 4.2758, 28.6542



130.4680, -19.9507, 5.7286

Complementary

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



121.3600, 20.5285, -51.1817



104.6400, -20.5285, 51.1817

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.



132.0510, -20.7311, 22.7573



121.3600, 20.5285, -51.1817



135.0370, -5.9342, 36.8016

Square

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



121.3600, 20.5285, -51.1817



135.4480, 14.0761, 11.8851



133.9090, -15.2381, 34.2828



127.7690, -13.1971, -13.8294

Rectangle

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



121.3600, 20.5285, -51.1817



131.4270, 22.4675, -19.6685



133.9090, -15.2381, 34.2828



130.8710, -21.1354, 12.3911

Sweetspot

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



121.3600, 20.5285, -51.1817



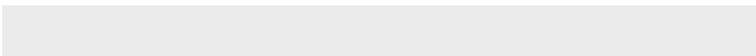
195.9420, 7.9166, -19.2431



123.9800, -20.2031, -53.4795



97.1880, 4.8373, -11.5659



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



121.3600, 20.5285, -51.1817



146.2730, 32.4034, -80.0464



93.1840, 34.4193, -26.4714



78.1350, 1.9054, -4.5034



84.6220, 29.7664, -74.2135



10.2700, 3.8109, -9.0068

Inverse Universe

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



102.0200, 20.2031, 53.4795



116.1930, 31.4569, 84.0227



133.9900, -34.9981, 25.4418



76.4890, 1.7309, 4.8331



56.5790, 29.2946, 77.5452



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 121.3600, 20.5285, -51.1817 looks on a white background.

Color Contrast Check

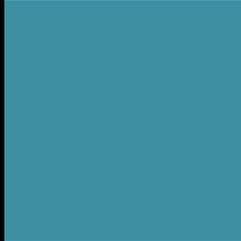
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.3600, 20.5285, -51.1817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

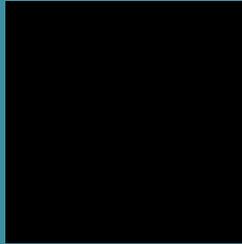
Any Text WCAG AA ✓ Pass

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 121.3600, 20.5285, -51.1817 Background



This preview shows how black text looks on a background with the YUV color 121.3600, 20.5285, -51.1817.



This preview shows how white text looks on a background with the YUV color 121.3600, 20.5285, -51.1817.

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

121.3600, 20.5285, -51.1817

Protanopia

132.5400, 11.0728, -4.8586

Deuteranopia

132.6200, 16.4563, -4.9287



Tritanopia

120.2520, 17.6238, -52.8410

Trichromacy



Original Color

121.3600, 20.5285, -51.1817

Protanomaly

128.3530, 14.6160, -21.3576

Deuteranomaly

128.5640, 17.9629, -21.5426

Tritanomaly

120.8930, 18.7868, -52.5262

Monochromacy



Original Color

121.3600, 20.5285, -51.1817

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.1270, 7.3324, -18.5284

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.3600, 20.5285, -51.1817 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(63, 143, 163)` looks like.

```
.text, #text, p{  
    color:rgb(63, 143, 163)  
}
```

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(63, 143, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 143, 163) }
```

Border

The CSS property to change the border of an element to YUV 121.3600, 20.5285, -51.1817 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(63, 143, 163) }
```


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

```
.border{ border-color:rgb(63, 143, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 143, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 143, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 143, 163);  
box-shadow:4px 4px 4px 4px rgb(63, 143,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 121.3600, 20.5285, -51.1817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 143, 163) }
```

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

```
.background{ background-color: rgb(63, 143,  
163) }
```

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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