

Converting Colors

YUV(113.6020, -20.0168,
-19.8220)

Have a look what the booklet for
YUV(113.6020, -20.0168, -19.8220)
contains.

YUV(113.6020, -20.0168, -19.8220)	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(113.6020, -20.0168,
-19.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	5B8549
RGB	91, 133, 73
RGB Percent	36%, 52%, 29%
CMY	0.6431, 0.4784, 0.7137
CMYK	0.32, 0.00, 0.45, 0.48
HSL	102°, 29%, 40%
HSV	102°, 45%, 52%
XYZ	13.9045, 19.4802, 9.3305
YIQ	113.6020, -5.7720, -27.5640

Conversions

Conversions Part 2

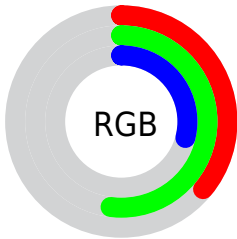
Format	Color
R_{YB}	73, 133, 115
Decimal	5997897
CIE _{Lab}	51.24, -26.39, 27.76
CIE _{LCh}	51, 38.305, 133.547
Yxy	19.4802, 0.3255, 0.4560
Android (android.graphics.Color)	4284187977 (0xFF5B8549)
YUV	113.6020, -20.0168, -19.8220
Hunter-Lab	44.1364, -21.0050, 18.3615

Details

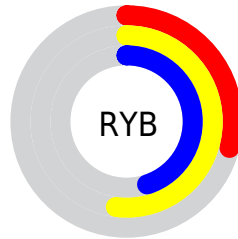
The YUV color **113.6020, -20.0168, -19.8220** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **92.3980, 20.0168, 19.8220**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9610, -21.1798, -20.1368**, and **64.3570, -18.4170, -19.6071** is the 20% darker color. If you saturate the color by 10%, you get **109.4290, -24.3685, -24.0552**, and if you desaturate by 10%, it is **117.7750, -15.6651, -15.5887**.

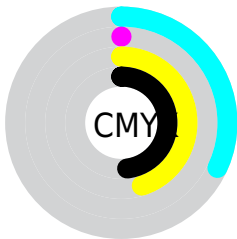
Distribution



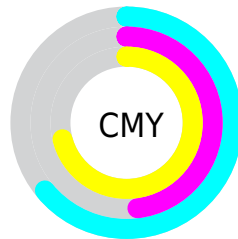
- Red (36%)
- Green (52%)
- Blue (29%)



- Red (29%)
- Yellow (52%)
- Blue (45%)



- Cyan (32%)
- Magenta (0%)
- Yellow (45%)
- Black (48%)



- Cyan (64%)
- Magenta (48%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.6020, -20.0168, -19.8220 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 113.6020, -20.0168, -19.8220 by changing the saturation by 10% instead.

■ 113.6020,
-20.0168, -19.8220

■ 113.6020,
-20.0168, -19.8220

■ 255.0000, 0.0000,
0.0000

■ 88.8300, -19.1432,
-20.0219

■ 165.9610,
-21.1798, -20.1368

■ 64.3570, -18.4170,
-19.6071

■ 193.4340,
-21.9060, -20.5516

■ 40.6450, -18.5590,
-20.7367

■ 221.9070,
-22.6322, -20.9664

■ 22.3060, -10.9969,
-19.5624

■ 240.4010,
-18.4387, -12.6297

■ 5.2830, -2.6045,
-4.6332

■ 252.3780,
-10.0464, 2.2995

■ 0.0000, 0.0000,
0.0000

■ 113.6020,
-20.0168, -19.8220

■ 113.6020,
-20.0168, -19.8220

■ 109.4290,
-24.3685, -24.0552

■ 117.7750,
-15.6651, -15.5887

■ 104.8430,
-29.0096, -28.8033

■ 122.3610,
-11.0240, -10.8406

■ 100.6700,
-33.3613, -33.0366

■ 126.5340, -6.6723,
-6.6073

■ 96.4970, -37.7130,
-37.2699

■ 130.7070, -2.3206,
-2.3740

■ 91.9110, -42.3541,
-42.0179

■ 135.2930, 2.3206,
2.3740

■ 90.0310, -44.3853,
-43.8772

■ 139.4660, 6.6723,
6.6073

■ 143.6390, 11.0240,
10.8406

■ 147.8120, 15.3757,

15.0739

■ 152.3980, 20.0168,
19.8220

Harmonies

Analogous

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



117.7320, -30.4339, 8.1280



113.6020, -20.0168, -19.8220



104.5940, -1.2788, -56.6489

Triad

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



113.6020, -20.0168, -19.8220



97.8730, 42.4606, -85.8346



123.0930, -7.4408, 53.4154

Complementary

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



113.6020, -20.0168, -19.8220



92.3980, 20.0168, 19.8220

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.



124.7400, 8.0162, 42.3240



113.6020, -20.0168, -19.8220



120.0490, 32.5138, -21.9680

Square

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



113.6020, -20.0168, -19.8220



99.3430, 32.8619, -87.1238



125.8320, 21.7748, 15.9333



121.6890, -21.5387, 48.5077

Rectangle

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



113.6020, -20.0168, -19.8220



95.8430, 14.3744, -84.0543



125.8320, 21.7748, 15.9333



124.0480, -2.4887, 51.7009

Sweetspot

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



113.6020, -20.0168, -19.8220



165.1810, -7.9772, -8.0517



115.5940, -20.9988, 15.2651



82.0010, -4.9305, -5.2629



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



113.6020, -20.0168, -19.8220



142.9630, -31.0408, -30.6626



109.5880, -12.1219, -32.0877



64.1200, -2.0312, -1.8592



87.9710, -43.3697, -42.9476



2.0600, -1.0156, -0.9296

Inverse Universe

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



92.3980, 20.0168, 19.8220



110.0370, 31.0408, 30.6626



96.4120, 12.1219, 32.0877



61.8800, 2.0312, 1.8592



42.0290, 43.3697, 42.9476



0.9400, 1.0156, 0.9296

Previews

White Background



This preview shows how the YUV color 113.6020, -20.0168, -19.8220 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 113.6020, -20.0168, -19.8220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

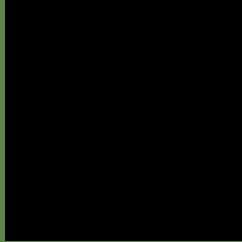
Any Text WCAG AA ✓ Pass

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 113.6020, -20.0168, -19.8220 Background



This preview shows how black text looks on a background with the YUV color 113.6020, -20.0168, -19.8220.



This preview shows how white text looks on a background with the YUV color 113.6020, -20.0168, -19.8220.

-19.8220.

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

113.6020, -20.0168, -19.8220

Protanopia

119.5460, -24.9192, 12.6762

Deuteranopia

120.8230, -21.6047, 22.9572



Tritanopia

119.6650, 8.0532, -16.3692

Trichromacy



Original Color

113.6020, -20.0168, -19.8220

Protanomaly

117.2240, -23.2814, 0.6806

Deuteranomaly

118.2510, -20.8297, 7.6729

Tritanomaly

117.6080, -2.2717, -18.0732

Monochromacy



Original Color

113.6020, -20.0168, -19.8220

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0070, -7.3985, -7.0221

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.6020, -20.0168, -19.8220 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(91, 133, 73)` looks like.

```
.text, #text, p{  
    color:rgb(91, 133, 73)  
}
```

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(91, 133, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 133, 73) }
```

Border

The CSS property to change the border of an element to YUV 113.6020, -20.0168, -19.8220 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(91, 133, 73) }
```


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

```
.border{ border-color:rgb(91, 133, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 133, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 133, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 133, 73);  
box-shadow:4px 4px 4px 4px rgb(91, 133,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 113.6020, -20.0168, -19.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 133, 73) }
```

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

```
.background{ background-color: rgb(91, 133,  
73) }
```

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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