

Converting Colors

YUV(113.7620, -9.2497,
-19.9623)

Have a look what the booklet for
YUV(113.7620, -9.2497, -19.9623)
contains.

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Color

**YUV(113.7620, -9.2497,
-19.9623)**

Conversions

Conversions Part 1

Format	Color
Hex	5B815F
RGB	91, 129, 95
RGB Percent	36%, 51%, 37%
CMY	0.6431, 0.4941, 0.6275
CMYK	0.29, 0.00, 0.26, 0.49
HSL	126°, 17%, 43%
HSV	126°, 29%, 51%
XYZ	14.2302, 18.7509, 13.6957
YIQ	113.7620, -11.7340, -18.6300

Conversions

Conversions Part 2

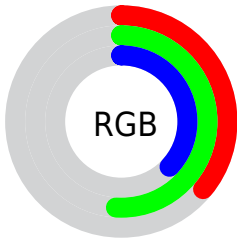
Format	Color
R_{YB}	91, 125, 129
Decimal	5996895
CIE _{Lab}	50.39, -20.69, 14.26
CIE _{LCh}	50, 25.127, 145.410
Yxy	18.7509, 0.3049, 0.4017
Android (android.graphics.Color)	4284186975 (0xFF5B815F)
YUV	113.7620, -9.2497, -19.9623
Hunter-Lab	43.3023, -17.1195, 11.5592

Details

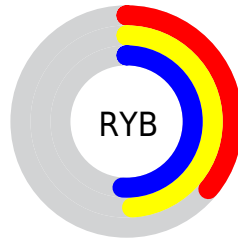
The YUV color **113.7620, -9.2497, -19.9623** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **106.2380, 9.2497, 19.9623**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9360, -9.8284, -20.9919**, and **64.8160, -7.7973, -19.1326** is the 20% darker color. If you saturate the color by 10%, you get **108.5070, -12.5750, -26.7546**, and if you desaturate by 10%, it is **119.0170, -5.9244, -13.1699**.

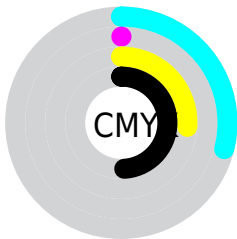
Distribution



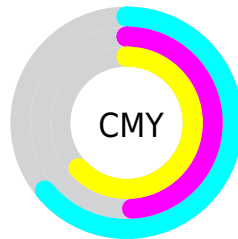
- Red (36%)
- Green (51%)
- Blue (37%)



- Red (36%)
- Yellow (49%)
- Blue (51%)



- Cyan (29%)
- Magenta (0%)
- Yellow (26%)
- Black (49%)



- Cyan (64%)
- Magenta (49%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7620, -9.2497, -19.9623 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 113.7620, -9.2497, -19.9623 by changing the saturation by 10% instead.

■ 113.7620, -9.2497,
-19.9623

■ 113.7620, -9.2497,
-19.9623

■ 255.0000, 0.0000,
0.0000

■ 89.1750, -8.9603,
-19.4475

■ 165.9360, -9.8284,
-20.9919

■ 64.8160, -7.7973,
-19.1326

■ 193.4090,
-10.5546, -21.4067

■ 41.9300, -7.3605,
-19.2326

■ 221.1100,
-10.4072, -22.0215

■ 20.7730, -9.2551,
-18.2179

■ 242.9520, -7.3713,
-15.7439

■ 1.7610, -0.8682,
-1.5444

■ 254.4020, 0.2948,
-1.2296

■ 0.0000, 0.0000,
0.0000

■ 113.7620, -9.2497,
-19.9623

■ 113.7620, -9.2497,
-19.9623

■ 108.5070,
-12.5750, -26.7546

■ 119.0170, -5.9244,
-13.1699

■ 103.3660,
-15.4634, -33.6470

■ 124.1580, -3.0359,
-6.2776

■ 98.1110, -18.7887,
-40.4393

■ 129.4130, 0.2894,
0.5148

■ 92.9700, -21.6772,
-47.3317

■ 134.5540, 3.1779,
7.4071

■ 88.0140, -25.1499,
-53.5093

■ 139.5100, 6.6506,
13.5847

■ 82.8730, -28.0384,
-60.4016

■ 144.6510, 9.5391,
20.4771

■ 77.6180, -31.3637,
-67.1940


■ 149.9060, 12.8643,
27.2694

■ 77.3190, -31.2163,

■ 155.0470, 15.7528,

-67.8088

34.1618

 160.3020, 19.0781,
40.9541

Harmonies

Analogous

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



116.7060, -17.6031, -0.6192



113.7620, -9.2497, -19.9623



109.8550, 3.0295, -38.4608

Triad

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



113.7620, -9.2497, -19.9623



116.3830, 22.4892, -26.6459



121.8150, -9.2758, 35.2422

Complementary

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



113.7620, -9.2497, -19.9623



106.2380, 9.2497, 19.9623

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.



122.7250, 0.6286, 31.8132



113.7620, -9.2497, -19.9623



121.3860, 18.0507, -2.9695

Square

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



113.7620, -9.2497, -19.9623



109.5500, 22.4069, -46.9633



122.8680, 10.4181, 18.5328



120.3060, -17.4059, 29.5496

Rectangle

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



113.7620, -9.2497, -19.9623



107.9660, 11.3558, -49.0822



122.8680, 10.4181, 18.5328



122.0260, -5.9288, 35.0572

Sweetspot

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



113.7620, -9.2497, -19.9623



162.0330, -3.4673, -7.9219



123.4720, -16.0087, 1.3401



80.3970, -2.1677, -4.7332



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



113.7620, -9.2497, -19.9623



144.4310, -14.0165, -31.0730



115.9280, -0.9505, -21.8619



61.2230, -1.5889, -3.7036



76.6180, -31.3637, -67.1940



0.0000, 0.0000, 0.0000

Inverse Universe

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



106.2380, 9.2497, 19.9623



132.6830, 14.4533, 30.9730



104.0720, 0.9505, 21.8619



59.7770, 1.5889, 3.7036



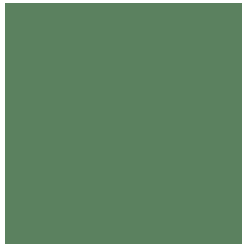
51.2680, 30.9269, 67.2940



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 113.7620, -9.2497, -19.9623 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 113.7620, -9.2497, -19.9623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

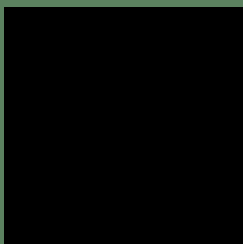
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.7620, -9.2497, -19.9623

Background



This preview shows how black text looks on a background with the YUV color 113.7620, -9.2497, -19.9623.



This preview shows how white text looks on a background with the YUV color 113.7620, -9.2497, -19.9623.

-19.9623.

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

113.7620, -9.2497, -19.9623

Protanopia

118.4990, -13.5570, 8.3324

Deuteranopia

120.2380, -10.9633, 16.4543



Tritanopia

117.3660, 8.2006, -16.9840

Trichromacy



Original Color

113.7620, -9.2497, -19.9623

Protanomaly

117.0740, -12.3615, -1.8189

Deuteranomaly

117.9760, -10.3412, 3.5290

Tritanomaly

116.0470, 1.9488, -18.4582

Monochromacy



Original Color

113.7620, -9.2497, -19.9623

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7450, -3.3253, -6.7924

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7620, -9.2497, -19.9623 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, 129, 95)` looks like.

```
.text, #text, p{  
    color:rgb(91, 129, 95)  
}
```

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, 129, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 129, 95) }
```

Border

The CSS property to change the border of an element to YUV 113.7620, -9.2497, -19.9623 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, 129, 95) }
```


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

```
.border{ border-color:rgb(91, 129, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 129, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 129, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 129, 95);  
box-shadow:4px 4px 4px 4px rgb(91, 129,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 113.7620, -9.2497, -19.9623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 129, 95) }
```

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

```
.background{ background-color: rgb(91, 129,  
95) }
```

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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