

Converting Colors

YUV(114.8220, -17.1672,
-47.2019)

Have a look what the booklet for
YUV(114.8220, -17.1672, -47.2019)
contains.

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Color

**YUV(114.8220, -17.1672,
-47.2019)**

Conversions

Conversions Part 1

Format	Color
Hex	3D9550
RGB	61, 149, 80
RGB Percent	24%, 58%, 31%
CMY	0.7608, 0.4157, 0.6863
CMYK	0.59, 0.00, 0.46, 0.42
HSL	133°, 42%, 41%
HSV	133°, 59%, 58%
XYZ	14.1199, 23.0662, 11.2974
YIQ	114.8220, -30.2990, -40.1150

Conversions

Conversions Part 2

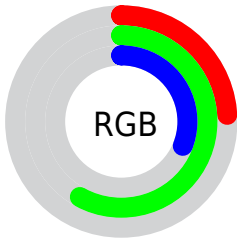
Format	Color
R_{YB}	61, 133, 149
Decimal	4035920
CIE _{Lab}	55.14, -41.83, 28.68
CIE _{LCh}	55, 50.715, 145.568
Yxy	23.0662, 0.2912, 0.4758
Android (android.graphics.Color)	4282226000 (0xFF3D9550)
YUV	114.8220, -17.1672, -47.2019
Hunter-Lab	48.0273, -31.5692, 19.6723

Details

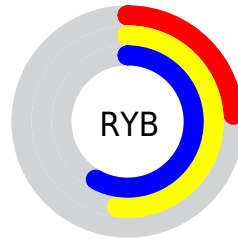
The YUV color **114.8220, -17.1672, -47.2019** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **95.1780, 17.1672, 47.2019**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.5510, -19.4986, -46.0872**, and **60.7010, -13.6566, -53.2348** is the 20% darker color. If you saturate the color by 10%, you get **108.9690, -20.1977, -55.2238**, and if you desaturate by 10%, it is **120.6750, -14.1368, -39.1800**.

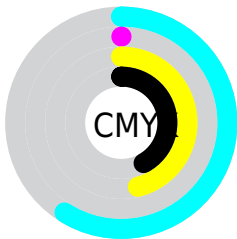
Distribution



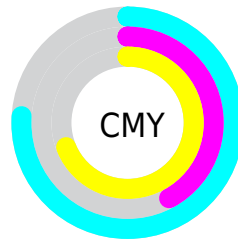
- Red (24%)
- Green (58%)
- Blue (31%)



- Red (24%)
- Yellow (52%)
- Blue (58%)



- Cyan (59%)
- Magenta (0%)
- Yellow (46%)
- Black (42%)



- Cyan (76%)
- Magenta (42%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.8220, -17.1672, -47.2019 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 114.8220, -17.1672, -47.2019 by changing the saturation by 10% instead.

■ 114.8220,
-17.1672, -47.2019

■ 114.8220,
-17.1672, -47.2019

■ 255.0000, 0.0000,
0.0000

■ 87.5550, -15.5566,
-50.4757

■ 169.5510,
-19.4986, -46.0872

■ 60.7010, -13.6566,
-53.2348

■ 197.1380,
-19.7880, -46.6020

■ 43.8770, -17.1944,
-38.4801

■ 222.0890,
-18.7779, -43.9281

■ 28.7630, -14.1802,
-25.2252

■ 233.9520,
-10.8223, -28.8989

■ 15.8490, -7.8136,
-13.8996

■ 245.8150, -2.8668,
-13.8698

■ 0.0000, 0.0000,
0.0000

■ 114.8220,
-17.1672, -47.2019

■ 114.8220,
-17.1672, -47.2019

■ 108.9690,
-20.1977, -55.2238

■ 120.6750,
-14.1368, -39.1800

■ 103.2300,
-22.7914, -63.3457

■ 126.4140,
-11.5431, -31.0581

■ 97.3770, -25.8219,
-71.3676

■ 132.2670, -8.5126,
-23.0362

■ 91.5240, -28.8523,
-79.3895

■ 138.1200, -5.4822,
-15.0142

■ 91.1110, -29.1417,
-79.9043

■ 143.8590, -2.8885,
-6.8923

■ 149.4130, 0.2894,
0.5148

■ 155.2660, 3.3199,
8.5367

■ 161.0050, 5.9135,

16.6586

■ 166.8580, 8.9440,
24.6805

Harmonies

Analogous

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



123.7060, -37.8161, -4.1272



114.8220, -17.1672, -47.2019



103.9470, 9.8861, -91.1615

Triad

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



114.8220, -17.1672, -47.2019



106.6730, 55.8702, -93.5522



130.4990, -16.5150, 70.5994

Complementary

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



114.8220, -17.1672, -47.2019



95.1780, 17.1672, 47.2019

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.



132.7430, 3.5777, 66.0004



114.8220, -17.1672, -47.2019



132.8470, 39.0224, -9.5128

Square

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



114.8220, -17.1672, -47.2019



110.7190, 45.9875, -97.1006



135.9040, 22.7253, 37.7952



130.0030, -34.5115, 56.1254

Rectangle

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



114.8220, -17.1672, -47.2019



107.3670, 22.9901, -94.1609



135.9040, 22.7253, 37.7952



130.9320, -9.8265, 71.9736

Sweetspot

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



114.8220, -17.1672, -47.2019



180.3430, -7.0711, -18.7178



133.5860, -35.7849, -2.2679



88.7830, -4.3300, -11.2107



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



114.8220, -17.1672, -47.2019



140.4260, -26.8320, -74.0416



119.7240, 1.6151, -51.5009



71.2230, -1.5889, -3.7036



84.4260, -26.8320, -74.0416



6.0980, -2.0203, -5.3479

Inverse Universe

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



95.1780, 17.1672, 47.2019



109.5740, 26.8320, 74.0416



90.2760, -1.6151, 51.5009



69.6630, 1.1521, 3.8035



53.5740, 26.8320, 74.0416



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 114.8220, -17.1672, -47.2019 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 114.8220, -17.1672, -47.2019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

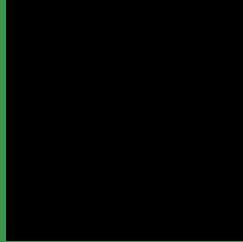
Any Text WCAG AA ✓ Pass

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 114.8220, -17.1672, -47.2019 Background



This preview shows how black text looks on a background with the YUV color 114.8220, -17.1672, -47.2019.



This preview shows how white text looks on a background with the YUV color 114.8220, -17.1672, -47.2019.

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

114.8220, -17.1672, -47.2019

Protanopia

128.3890, -26.8138, 13.6908

Deuteranopia

130.4210, -21.8996, 24.1868



Tritanopia

124.0150, 13.7966, -38.6012

Trichromacy



Original Color

114.8220, -17.1672, -47.2019

Protanomaly

123.7560, -23.5437, -8.5560

Deuteranomaly

125.0110, -20.2184, -1.7636

Tritanomaly

120.7190, 2.6035, -41.8496

Monochromacy



Original Color

114.8220, -17.1672, -47.2019

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.5820, -6.2029, -17.1734

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.8220, -17.1672, -47.2019 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, 149, 80)` looks like.

```
.text, #text, p{  
    color:rgb(61, 149, 80)  
}
```

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, 149, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 149, 80) }
```

Border

The CSS property to change the border of an element to YUV 114.8220, -17.1672, -47.2019 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, 149, 80) }
```


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

```
.border{ border-color:rgb(61, 149, 80) }
```

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

Here you see how a box with a 4 pixel rgb(61, 149, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 149, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 149, 80);  
box-shadow:4px 4px 4px 4px rgb(61, 149,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 114.8220, -17.1672, -47.2019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 149, 80) }
```

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

```
.background{ background-color: rgb(61, 149,  
80) }
```

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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