

Converting Colors

YUV(115.9010, -20.1642,
-19.2072)

Have a look what the booklet for
YUV(115.9010, -20.1642, -19.2072)
contains.

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Color

**YUV(115.9010, -20.1642,
-19.2072)**

Conversions

Conversions Part 1

Format	Color
Hex	5E874B
RGB	94, 135, 75
RGB Percent	37%, 53%, 29%
CMY	0.6314, 0.4706, 0.7059
CMYK	0.30, 0.00, 0.44, 0.47
HSL	101°, 29%, 41%
HSV	101°, 44%, 53%
XYZ	14.5501, 20.2156, 9.7917
YIQ	115.9010, -5.1760, -27.3520

Conversions

Conversions Part 2

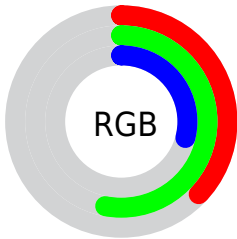
Format	Color
RYB	75, 135, 116
Decimal	6195019
CIELab	52.08, -25.98, 27.77
CIELCh	52, 38.029, 133.084
Yxy	20.2156, 0.3265, 0.4537
Android (android.graphics.Color)	4284385099 (0xFF5E874B)
YUV	115.9010, -20.1642, -19.2072
Hunter-Lab	44.9618, -20.9188, 18.5611

Details

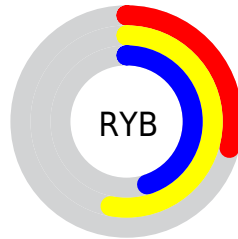
The YUV color $115.9010, -20.1642, -19.2072$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $94.0990, 20.1642, 19.2072$, and the grayscale version is $116.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $168.8470, -21.6166, -20.0368$, and $66.6560, -18.5644, -18.9923$ is the 20% darker color. If you saturate the color by 10%, you get $111.7280, -24.5159, -23.4405$, and if you desaturate by 10%, it is $120.1880, -15.3757, -15.0739$.

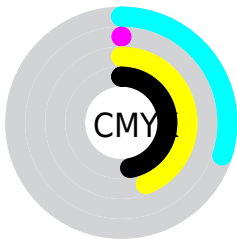
Distribution



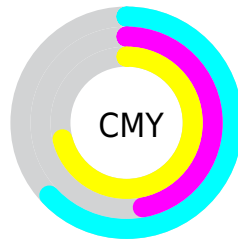
- Red (37%)
- Green (53%)
- Blue (29%)



- Red (29%)
- Yellow (53%)
- Blue (45%)



- Cyan (30%)
- Magenta (0%)
- Yellow (44%)
- Black (47%)



- Cyan (63%)
- Magenta (47%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.9010, -20.1642, -19.2072 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 115.9010, -20.1642, -19.2072 by changing the saturation by 10% instead.

■ 115.9010,
-20.1642, -19.2072

■ 115.9010,
-20.1642, -19.2072

■ 255.0000, 0.0000,
0.0000

■ 90.4280, -19.4380,
-18.7924

■ 168.8470,
-21.6166, -20.0368

■ 66.6560, -18.5644,
-18.9923

■ 195.7330,
-22.0534, -19.9368

■ 42.3570, -18.4170,
-19.6071

■ 224.2060,
-22.7796, -20.3517

■ 22.8930, -11.2862,
-20.0772

■ 241.6400,
-17.5705, -11.0853

■ 8.2180, -4.0515,
-7.2072

■ 252.6060, -9.1728,
2.0995

■ 0.0000, 0.0000,
0.0000

■ 115.9010,
-20.1642, -19.2072

■ 115.9010,
-20.1642, -19.2072

■ 111.7280,
-24.5159, -23.4405

■ 120.1880,
-15.3757, -15.0739

■ 107.4410,
-29.3044, -27.5738

■ 124.3610,
-11.0240, -10.8406

■ 102.9690,
-33.5087, -32.4218

■ 128.9470, -6.3829,
-6.0925

■ 98.6820, -38.2972,
-36.5551

■ 133.1200, -2.0312,
-1.8592

■ 94.5090, -42.6489,
-40.7884

■ 137.4070, 2.7573,
2.2741

■ 92.1020, -45.4063,
-43.0625

■ 141.5800, 7.1091,
6.5073

■ 146.1660, 11.7502,
11.2554

■ 150.3390, 16.1019,

15.4887

■ 154.5120, 20.4536,
19.7220

Harmonies

Analogous

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



120.1450, -30.1445, 8.6428



115.9010, -20.1642, -19.2072



107.4910, -1.7211, -54.8046

Triad

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



115.9010, -20.1642, -19.2072



99.2750, 42.7554, -87.0642



125.2070, -7.0041, 53.3155

Complementary

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



115.9010, -20.1642, -19.2072



94.0990, 20.1642, 19.2072

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.



127.4410, 8.1636, 41.7092



115.9010, -20.1642, -19.2072



122.6360, 32.2245, -22.4828

Square

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



115.9010, -20.1642, -19.2072



100.7450, 33.1567, -88.3534



127.5330, 21.9222, 15.3186



124.1020, -21.2493, 49.0225

Rectangle

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



115.9010, -20.1642, -19.2072



97.2450, 14.6692, -85.2839



127.5330, 21.9222, 15.3186



125.8630, -1.9045, 50.9861

Sweetspot

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



115.9010, -20.1642, -19.2072



168.5940, -7.6878, -7.5369



117.0070, -20.7095, 15.7799



84.4140, -4.6411, -4.7481



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



115.9010, -20.1642, -19.2072



146.2620, -31.1882, -30.0478



111.4740, -12.5587, -31.9877



64.1200, -2.0312, -1.8592



88.5690, -43.6645, -41.7180



2.0600, -1.0156, -0.9296

Inverse Universe

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



94.0990, 20.1642, 19.2072



112.4390, 31.3356, 29.4330



98.5260, 12.5587, 31.9877



61.8800, 2.0312, 1.8592



41.4310, 43.6645, 41.7180



0.9400, 1.0156, 0.9296

Previews

White Background



This preview shows how the YUV color 115.9010, -20.1642, -19.2072 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 115.9010, -20.1642, -19.2072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

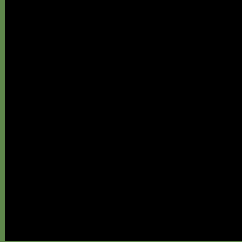
Any Text WCAG AA ✓ Pass

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 115.9010, -20.1642, -19.2072 Background



This preview shows how black text looks on a background with the YUV color 115.9010, -20.1642, -19.2072.



This preview shows how white text looks on a background with the YUV color 115.9010, -20.1642, -19.2072.

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

115.9010, -20.1642, -19.2072

Protanopia

121.5460, -24.9192, 12.6762

Deuteranopia

122.8230, -21.6047, 22.9572



Tritanopia

121.9640, 7.9057, -15.7544

Trichromacy



Original Color

115.9010, -20.1642, -19.2072

Protanomaly

119.5230, -23.4288, 1.2953

Deuteranomaly

120.2510, -20.8297, 7.6729

Tritanomaly

119.9070, -2.4192, -17.4584

Monochromacy



Original Color

115.9010, -20.1642, -19.2072

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0070, -7.3985, -7.0221

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9010, -20.1642, -19.2072 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(94, 135, 75)` looks like.

```
.text, #text, p{  
    color:rgb(94, 135, 75)  
}
```

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(94, 135, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 135, 75) }
```

Border

The CSS property to change the border of an element to YUV 115.9010, -20.1642, -19.2072 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(94, 135, 75) }
```


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

```
.border{ border-color:rgb(94, 135, 75) }
```

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

Here you see how a box with a 4 pixel rgb(94, 135, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 135, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 135, 75);  
box-shadow:4px 4px 4px 4px rgb(94, 135,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 115.9010, -20.1642, -19.2072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 135, 75) }
```

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

```
.background{ background-color: rgb(94, 135,  
75) }
```

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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