

Converting Colors

YUV(112.8520, -19.1540,
-16.5332)

Have a look what the booklet for
YUV(112.8520, -19.1540, -16.5332)
contains.

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Color

**YUV(112.8520, -19.1540,
-16.5332)**

Conversions

Conversions Part 1

Format	Color
Hex	5E824A
RGB	94, 130, 74
RGB Percent	37%, 51%, 29%
CMY	0.6314, 0.4902, 0.7098
CMYK	0.28, 0.00, 0.43, 0.49
HSL	99°, 27%, 40%
HSV	99°, 43%, 51%
XYZ	13.8348, 18.8394, 9.3858
YIQ	112.8520, -3.4800, -25.0480

Conversions

Conversions Part 2

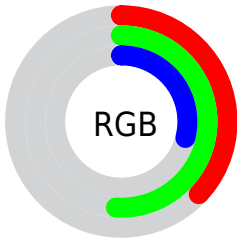
Format	Color
RYB	74, 130, 110
Decimal	6193738
CIELab	50.50, -23.62, 26.30
CIELCh	50, 35.351, 131.919
Yxy	18.8394, 0.3289, 0.4479
Android (android.graphics.Color)	4284383818 (0xFF5E824A)
YUV	112.8520, -19.1540, -16.5332
Hunter-Lab	43.4043, -19.0622, 17.5622

Details

The YUV color **112.8520, -19.1540, -16.5332** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **91.1480, 19.1540, 16.5332**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.2110, -20.3170, -16.8480**, and **63.6070, -17.5543, -16.3183** is the 20% darker color. If you saturate the color by 10%, you get **108.9780, -23.6532, -20.1517**, and if you desaturate by 10%, it is **116.7260, -14.6549, -12.9147**.

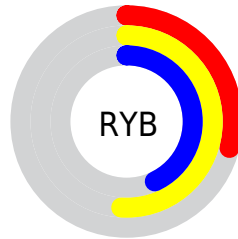
Distribution



Red (37%)

Green (51%)

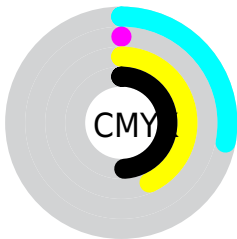
Blue (29%)



Red (29%)

Yellow (51%)

Blue (43%)

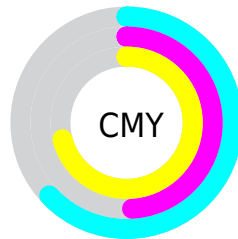


Cyan (28%)

Magenta (0%)

Yellow (43%)

Black (49%)



Cyan (63%)

Magenta (49%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.8520, -19.1540, -16.5332 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 112.8520, -19.1540, -16.5332 by changing the saturation by 10% instead.

■ 112.8520,
-19.1540, -16.5332

■ 112.8520,
-19.1540, -16.5332

■ 255.0000, 0.0000,
0.0000

■ 88.0800, -18.2804,
-16.7332

■ 165.2110,
-20.3170, -16.8480

■ 63.6070, -17.5543,
-16.3183

■ 192.6840,
-21.0432, -17.2629

■ 40.4930, -17.9910,
-16.2184

■ 220.2710,
-21.3326, -17.7777

■ 21.1320, -10.4181,
-18.5328

■ 241.4120,
-18.4441, -10.8853

■ 1.7610, -0.8682,
-1.5444

■ 252.3780,
-10.0464, 2.2995

■ 0.0000, 0.0000,
0.0000

■ 112.8520,
-19.1540, -16.5332

■ 112.8520,
-19.1540, -16.5332

■ 108.9780,
-23.6532, -20.1517

■ 116.7260,
-14.6549, -12.9147

■ 104.8050,
-28.0049, -24.3850

■ 120.8990,
-10.3032, -8.6814

■ 100.9310,
-32.5040, -28.0035

■ 124.7730, -5.8041,
-5.0629

■ 97.0570, -37.0031,
-31.6220

■ 128.6470, -1.3050,
-1.4444

■ 92.8840, -41.3548,
-35.8553

■ 132.8200, 3.0467,
2.7889

■ 90.0640, -44.4016,
-38.6441

■ 136.6940, 7.5459,
6.4074

■ 140.8670, 11.8976,
10.6406

■ 144.7410, 16.3967,

14.2591

■ 148.6150, 20.8958,
17.8776

Harmonies

Analogous

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



116.4270, -27.8185, 9.2725



112.8520, -19.1540, -16.5332



106.1930, -3.0531, -47.5273

Triad

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



112.8520, -19.1540, -16.5332



100.3970, 37.7653, -73.1392



122.0000, -6.4090, 49.1120

Complementary

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



112.8520, -19.1540, -16.5332



91.1480, 19.1540, 16.5332

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.



123.4190, 8.1744, 38.2205



112.8520, -19.1540, -16.5332



118.0660, 30.0405, -21.9829

Square

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



112.8520, -19.1540, -16.5332



96.8980, 31.1093, -84.9795



123.7670, 20.3279, 13.3593



120.5360, -19.4912, 45.1339

Rectangle

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



112.8520, -19.1540, -16.5332



93.6260, 13.4954, -82.1100



123.7670, 20.3279, 13.3593



122.5420, -1.7462, 46.8827

Sweetspot

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



112.8520, -19.1540, -16.5332



161.3060, -7.5459, -6.4074



111.2890, -18.3835, 16.4095



79.8270, -4.3517, -4.2333



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.



112.8520, -19.1540, -16.5332



141.3380, -29.7466, -25.7294



107.6700, -13.1483, -29.5286



62.0060, -2.4680, -1.7593



88.8900, -43.8228, -37.6145



0.0000, 0.0000, 0.0000

Inverse Universe

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



91.1480, 19.1540, 16.5332



107.6620, 29.7466, 25.7294



96.3300, 13.1483, 29.5286



58.9940, 2.4680, 1.7593



39.1100, 43.8228, 37.6145



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 112.8520, -19.1540, -16.5332 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 112.8520, -19.1540, -16.5332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

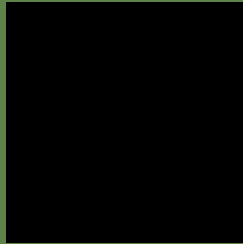
Any Text WCAG AA ✓ Pass

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 112.8520, -19.1540, -16.5332 Background



This preview shows how black text looks on a background with the YUV color 112.8520, -19.1540, -16.5332.



This preview shows how white text looks on a background with the YUV color 112.8520, -19.1540, -16.5332.

-16.5332.

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

112.8520, -19.1540, -16.5332

Protanopia

117.5890, -23.4614, 11.7614

Deuteranopia

119.4530, -20.4363, 21.5277



Tritanopia

118.1600, 7.3161, -13.2953

Trichromacy



Original Color

112.8520, -19.1540, -16.5332

Protanomaly

116.1640, -22.2659, 1.6102

Deuteranomaly

116.8920, -19.6668, 7.9877

Tritanomaly

116.6300, -2.2826, -14.5845

Monochromacy



Original Color

112.8520, -19.1540, -16.5332

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8330, -6.8197, -5.9925

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.8520, -19.1540, -16.5332 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, 130, 74)` looks like.

```
.text, #text, p{  
    color:rgb(94, 130, 74)  
}
```

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, 130, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 130, 74) }
```

Border

The CSS property to change the border of an element to YUV 112.8520, -19.1540, -16.5332 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, 130, 74) }
```


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

```
.border{ border-color:rgb(94, 130, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 130, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 130, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 130, 74);  
box-shadow:4px 4px 4px 4px rgb(94, 130,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 112.8520, -19.1540, -16.5332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 130, 74) }
```

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

```
.background{ background-color: rgb(94, 130,  
74) }
```

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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