

Converting Colors

YUV(115.4960, -32.7825,
-32.0070)

Have a look what the booklet for
YUV(115.4960, -32.7825, -32.0070)
contains.

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Color

**YUV(115.4960, -32.7825,
-32.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	4F9331
RGB	79, 147, 49
RGB Percent	31%, 58%, 19%
CMY	0.6902, 0.4235, 0.8078
CMYK	0.46, 0.00, 0.67, 0.42
HSL	102°, 50%, 38%
HSV	102°, 67%, 58%
XYZ	14.2125, 22.7515, 6.5481
YIQ	115.4960, -9.0700, -44.8940

Conversions

Conversions Part 2

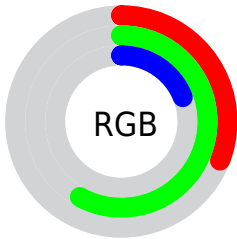
Format	Color
RYB	49, 147, 117
Decimal	5215025
CIELab	54.82, -39.85, 43.74
CIELCh	55, 59.170, 132.338
Yxy	22.7515, 0.3266, 0.5229
Android (android.graphics.Color)	4283405105 (0xFF4F9331)
YUV	115.4960, -32.7825, -32.0070
Hunter-Lab	47.6985, -30.2853, 25.2495

Details

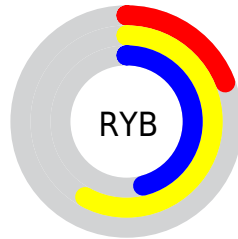
The YUV color **115.4960, -32.7825, -32.0070** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **80.5040, 32.7825, 32.0070**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7410, -34.3823, -32.2219**, and **62.3320, -30.7297, -37.1252** is the 20% darker color. If you saturate the color by 10%, you get **110.7960, -37.8604, -36.6551**, and if you desaturate by 10%, it is **120.1960, -27.7046, -27.3589**.

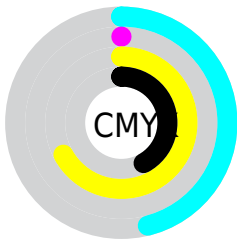
Distribution



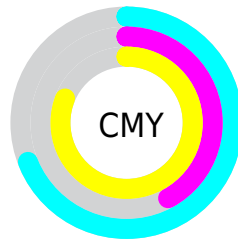
- Red (31%)
- Green (58%)
- Blue (19%)



- Red (19%)
- Yellow (58%)
- Blue (46%)



- Cyan (46%)
- Magenta (0%)
- Yellow (67%)
- Black (42%)



- Cyan (69%)
- Magenta (42%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.4960, -32.7825, -32.0070 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 115.4960, -32.7825, -32.0070 by changing the saturation by 10% instead.

■ 115.4960,
-32.7825, -32.0070

■ 115.4960,
-32.7825, -32.0070

■ 255.0000, 0.0000,
0.0000

■ 88.7840, -32.9245,
-33.1366

■ 169.7410,
-34.3823, -32.2219

■ 62.3320, -30.7297,
-37.1252

■ 197.5130,
-35.2559, -32.0219

■ 41.6770, -20.5468,
-36.5507

■ 223.6380,
-34.8245, -30.3775

■ 28.1760, -13.8908,
-24.7104

■ 235.3870,
-27.3058, -15.2484

■ 14.6750, -7.2348,
-12.8700

■ 247.2500,
-19.3502, -0.2193

■ 0.0000, 0.0000,
0.0000

■ 252.9480, -7.8624,

1.7996

■ 115.4960,
-32.7825, -32.0070

■ 115.4960,
-32.7825, -32.0070

■ 110.7960,
-37.8604, -36.6551

■ 120.1960,
-27.7046, -27.3589

■ 106.2100,
-42.5015, -41.4032

■ 124.7820,
-23.0635, -22.6108

■ 101.2110,
-47.4320, -46.6660

■ 129.7810,
-18.1330, -17.3479

■ 99.7440, -49.1738,
-48.0105

■ 134.4810,
-13.0551, -12.6998

■ 139.1810, -7.9772,
-8.0517

■ 143.7670, -3.3361,
-3.3037

■ 148.4670, 1.7418,
1.3444

■ 153.4660, 6.6723,
6.6073

■ 158.0520, 11.3134,
11.3554

Harmonies

Analogous

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



121.1200, -55.7682, 13.9268



115.4960, -32.7825, -32.0070



100.9830, -1.4706, -88.5621

Triad

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



115.4960, -32.7825, -32.0070



111.2210, 58.0650, -97.5408



126.9920, -7.3911, 84.1990

Complementary

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



115.4960, -32.7825, -32.0070



80.5040, 32.7825, 32.0070

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.



131.3700, 16.0866, 67.2045



115.4960, -32.7825, -32.0070



120.9970, 54.7245, -52.6174

Square

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



115.4960, -32.7825, -32.0070



112.4970, 42.6460, -98.6599



134.8340, 35.5778, 22.0706



127.0360, -31.0767, 74.5134

Rectangle

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



115.4960, -32.7825, -32.0070



106.2610, 13.6753, -93.1909



134.8340, 35.5778, 22.0706



127.7450, 0.6187, 81.7846

Sweetspot

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



115.4960, -32.7825, -32.0070



178.8940, -12.7657, -12.1850



117.6310, -33.8351, 25.7566



89.5940, -7.6878, -7.5369



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.



115.4960, -32.7825, -32.0070



141.8640, -51.2050, -49.8697



108.5780, -20.4980, -52.2499



71.7070, -2.3206, -2.3740



93.5640, -46.1271, -45.2216



6.7670, -3.3361, -3.3037

Inverse Universe

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



80.5040, 32.7825, 32.0070



87.1360, 51.2050, 49.8697



87.4220, 20.4980, 52.2499



69.2930, 2.3206, 2.3740



44.4360, 46.1271, 45.2216



3.2330, 3.3361, 3.3037

Previews

White Background



This preview shows how the YUV color 115.4960, -32.7825, -32.0070 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 115.4960, -32.7825, -32.0070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

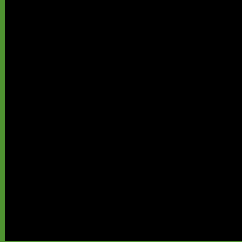
Any Text WCAG AA ✓ Pass

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 115.4960, -32.7825, -32.0070 Background



This preview shows how black text looks on a background with the YUV color 115.4960, -32.7825, -32.0070.



This preview shows how white text looks on a background with the YUV color 115.4960, -32.7825, -32.0070.

-32.0070.

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

115.4960, -32.7825, -32.0070

Protanopia

125.6810, -39.7757, 17.8198

Deuteranopia

127.7240, -34.8669, 30.0601



Tritanopia

125.9950, 10.8485, -26.3056

Trichromacy



Original Color

115.4960, -32.7825, -32.0070

Protanomaly

122.1410, -37.5375, -0.1237

Deuteranomaly

123.1080, -34.0702, 7.7983

Tritanomaly

122.4450, -5.1494, -28.4543

Monochromacy



Original Color

115.4960, -32.7825, -32.0070

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.4210, -12.0396, -11.7702

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.4960, -32.7825, -32.0070 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(79, 147, 49)` looks like.

```
.text, #text, p{  
    color:rgb(79, 147, 49)  
}
```

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(79, 147, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 147, 49) }
```

Border

The CSS property to change the border of an element to YUV 115.4960, -32.7825, -32.0070 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(79, 147, 49) }
```


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

```
.border{ border-color:rgb(79, 147, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 147, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 147, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 147, 49);  
box-shadow:4px 4px 4px 4px rgb(79, 147,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 115.4960, -32.7825, -32.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 147, 49) }
```

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

```
.background{ background-color: rgb(79, 147,  
49) }
```

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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