

Converting Colors

YUV(95.6920, -29.9212,
-16.3929)

Have a look what the booklet for
YUV(95.6920, -29.9212, -16.3929)
contains.

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Color

**YUV(95.6920, -29.9212,
-16.3929)**

Conversions

Conversions Part 1

Format	Color
Hex	4D7523
RGB	77, 117, 35
RGB Percent	30%, 46%, 14%
CMY	0.6980, 0.5412, 0.8627
CMYK	0.34, 0.00, 0.70, 0.54
HSL	89°, 54%, 30%
HSV	89°, 70%, 46%
XYZ	9.7252, 14.4217, 3.8612
YIQ	95.6920, 2.4820, -33.9820

Conversions

Conversions Part 2

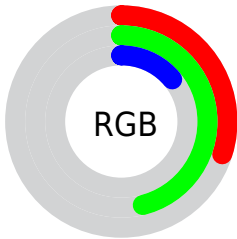
Format	Color
R _Y B	35, 117, 75
Decimal	5076259
CIE Lab	44.83, -28.35, 39.17
CIE LCh	45, 48.354, 125.888
Yxy	14.4217, 0.3472, 0.5149
Android (android.graphics.Color)	4283266339 (0xFF4D7523)
YUV	95.6920, -29.9212, -16.3929
Hunter-Lab	37.9759, -20.7459, 20.5548

Details

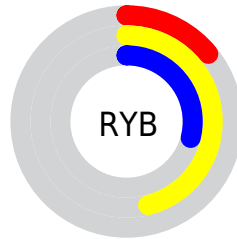
The YUV color **95.6920, -29.9212, -16.3929** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **56.3080, 29.9212, 16.3929**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3500, -31.2315, -16.0929**, and **47.9890, -23.6586, -18.4074** is the 20% darker color. If you saturate the color by 10%, you get **92.5300, -34.2783, -18.8818**, and if you desaturate by 10%, it is **98.8540, -25.5640, -13.9040**.

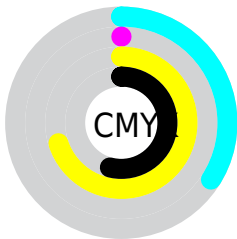
Distribution



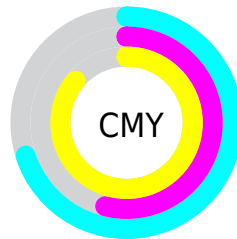
- Red (30%)
- Green (46%)
- Blue (14%)



- Red (14%)
- Yellow (46%)
- Blue (29%)



- Cyan (34%)
- Magenta (0%)
- Yellow (70%)
- Black (54%)



- Cyan (70%)
- Magenta (54%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.6920, -29.9212, -16.3929 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 95.6920, -29.9212, -16.3929 by changing the saturation by 10% instead.

■ 95.6920, -29.9212,
-16.3929

■ 95.6920, -29.9212,
-16.3929

255.0000, 0.0000,
0.0000

■ 70.3500, -31.2315,
-16.0929

■ 147.3500,
-31.2315, -16.0929

■ 47.9890, -23.6586,
-18.4074

■ 174.8230,
-31.9577, -16.5078

■ 27.0020, -13.3120,
-23.6808

■ 202.5950,
-32.8313, -16.3078

■ 15.2620, -7.5242,
-13.3848

■ 231.0680,
-33.5575, -16.7226

■ 0.0000, 0.0000,
0.0000

■ 243.4040,
-26.3282, -2.1083

■ 250.7820,

-16.1615, 3.6992

254.0880, -3.4944,
0.7998

95.6920, -29.9212,
-16.3929

95.6920, -29.9212,
-16.3929

92.5300, -34.2783,
-18.8818

98.8540, -25.5640,
-13.9040

89.7810, -38.3460,
-20.8559

101.6030,
-21.4963, -11.9298

86.6190, -42.7032,
-23.3449

104.7650,
-17.1391, -9.4409

107.9270,
-12.7820, -6.9520

111.0890, -8.4249,
-4.4631

■ 113.8380, -4.3571,
-2.4889

■ 117.0000, 0.0000,
0.0000

■ 120.1620, 4.3571,
2.4889

■ 122.9110, 8.4249,
4.4631

Harmonies

Analogous

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



99.8720, -42.8279, 16.7753



95.6920, -29.9212, -16.3929



80.2950, -4.5824, -70.4187

Triad

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



95.6920, -29.9212, -16.3929



90.2590, 43.7493, -79.1571



103.9510, -1.9478, 64.9410

Complementary

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



95.6920, -29.9212, -16.3929



56.3080, 29.9212, 16.3929

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.



108.1240, 15.7149, 46.3723



95.6920, -29.9212, -16.3929



89.3840, 47.6317, -64.3578

Square

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



95.6920, -29.9212, -16.3929



90.1160, 30.5088, -79.0317



108.8940, 31.1113, 7.9860



103.5920, -20.9979, 61.7478

Rectangle

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



95.6920, -29.9212, -16.3929



84.6610, 7.0691, -74.2477



108.8940, 31.1113, 7.9860



105.1230, 3.8834, 61.2821

Sweetspot

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



95.6920, -29.9212, -16.3929



144.5680, -11.6190, -6.6371



82.9980, -23.6630, 29.8198



71.7300, -7.2619, -4.1482



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



95.6920, -29.9212, -16.3929



119.4570, -47.0603, -25.8338



83.4330, -23.8775, -41.5987



57.4190, -2.1786, -1.2445



90.4510, -44.5923, -24.0745



185.0220, -91.2158, -50.0083

Inverse Universe

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



56.3080, 29.9212, 16.3929



57.5430, 47.0603, 25.8338



68.5670, 23.8775, 41.5987



54.5810, 2.1786, 1.2445



31.8480, 44.4449, 24.6893



64.9780, 91.2158, 50.0083

Previews

White Background



This preview shows how the YUV color 95.6920, -29.9212, -16.3929 looks on a white 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

Black Background



This preview shows how the YUV color 95.6920, -29.9212, -16.3929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

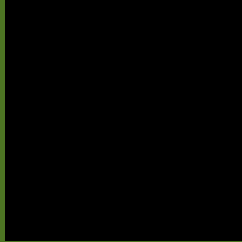
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.6920, -29.9212, -16.3929

Background



This preview shows how black text looks on a background with the YUV color 95.6920, -29.9212, -16.3929.



This preview shows how white text looks on a background with the YUV color 95.6920, -29.9212, -16.3929.

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

95.6920, -29.9212, -16.3929

Protanopia

101.1520, -34.0919, 14.7757

Deuteranopia

102.8420, -30.4881, 25.5716



Tritanopia

103.7470, 7.0267, -13.8101

Trichromacy



Original Color

95.6920, -29.9212, -16.3929

Protanomaly

99.1290, -32.6016, 3.3949

Deuteranomaly

100.1560, -30.1499, 10.3872

Tritanomaly

100.8920, -6.3558, -14.8143

Monochromacy



Original Color

95.6920, -29.9212, -16.3929

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0950, -10.8928, -6.2223

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.6920, -29.9212, -16.3929 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(77, 117, 35)` looks like.

```
.text, #text, p{  
    color:rgb(77, 117, 35)  
}
```

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(77, 117, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 117, 35) }
```

Border

The CSS property to change the border of an element to YUV 95.6920, -29.9212, -16.3929 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(77, 117, 35) }
```


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

```
.border{ border-color:rgb(77, 117, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 117, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 117, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 117, 35);  
box-shadow:4px 4px 4px 4px rgb(77, 117,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 95.6920, -29.9212, -16.3929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 117, 35) }
```

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

```
.background{ background-color: rgb(77, 117,  
35) }
```

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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