

Converting Colors

YUV(95.9530, -29.0638,
-11.3598)

Have a look what the booklet for
YUV(95.9530, -29.0638, -11.3598)
contains.

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Color

**YUV(95.9530, -29.0638,
-11.3598)**

Conversions

Conversions Part 1

Format	Color
Hex	537225
RGB	83, 114, 37
RGB Percent	33%, 45%, 15%
CMY	0.6745, 0.5529, 0.8549
CMYK	0.27, 0.00, 0.68, 0.55
HSL	84°, 51%, 30%
HSV	84°, 68%, 45%
XYZ	9.9185, 14.0072, 3.9312
YIQ	95.9530, 6.2410, -30.5190

Conversions

Conversions Part 2

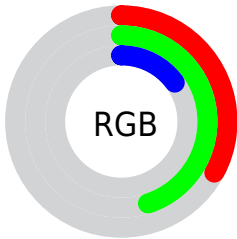
Format	Color
R_{YB}	37, 114, 68
Decimal	5468709
CIE _{Lab}	44.24, -24.27, 37.77
CIE _{LCh}	44, 44.891, 122.726
Yxy	14.0072, 0.3561, 0.5028
Android (android.graphics.Color)	4283658789 (0xFF537225)
YUV	95.9530, -29.0638, -11.3598
Hunter-Lab	37.4262, -18.1906, 19.9706

Details

The YUV color **95.9530, -29.0638, -11.3598** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **55.0470, 29.0638, 11.3598**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.6110, -30.3742, -11.0598**, and **48.9080, -24.1116, -13.0743** is the 20% darker color. If you saturate the color by 10%, you get **93.2040, -33.1316, -13.3339**, and if you desaturate by 10%, it is **98.7020, -24.9961, -9.3857**.

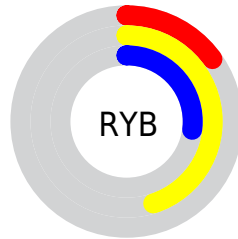
Distribution



Red (33%)

Green (45%)

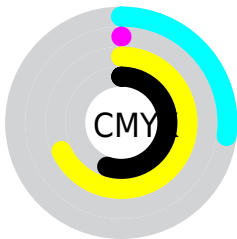
Blue (15%)



Red (15%)

Yellow (45%)

Blue (27%)

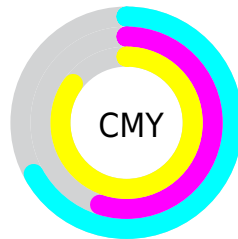


Cyan (27%)

Magenta (0%)

Yellow (68%)

Black (55%)



Cyan (67%)

Magenta (55%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.9530, -29.0638, -11.3598 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 95.9530, -29.0638, -11.3598 by changing the saturation by 10% instead.

95.9530, -29.0638,
-11.3598

95.9530, -29.0638,
-11.3598

255.0000, 0.0000,
0.0000

70.8390, -29.5006,
-11.2598

147.6110,
-30.3742, -11.0598

48.9080, -24.1116,
-13.0743

174.3830,
-31.2478, -10.8599

27.3340, -13.4757,
-17.8329

202.1550,
-32.1214, -10.6599

13.5010, -6.6560,
-11.8404

230.6280,
-32.8476, -11.0748

0.0000, 0.0000,
0.0000

245.4260,
-26.3390, 1.3804

251.0100,

-15.2879, 3.4992

254.3160, -2.6208,
0.5999

95.9530, -29.0638,
-11.3598

95.9530, -29.0638,
-11.3598

93.2040, -33.1316,
-13.3339

98.7020, -24.9961,
-9.3857

90.6400, -37.7835,
-14.5933

101.2660,
-20.3441, -8.1263

87.8910, -41.8513,
-16.5674

104.0150,
-16.2764, -6.1522

87.2500, -43.0142,
-16.8822

106.5790,
-11.6244, -4.8928

109.3280, -7.5567,
-2.9187

■ 112.0770, -3.4890,
-0.9445

■ 114.6410, 1.1630,
0.3148

■ 117.3900, 5.2307,
2.2890

■ 119.9540, 9.8827,
3.5483

Harmonies

Analogous

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



99.7350, -38.3234, 18.6494



95.9530, -29.0638, -11.3598



84.2860, -7.5360, -56.3788

Triad

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



95.9530, -29.0638, -11.3598



88.1730, 40.8337, -77.3277



103.9610, -0.4738, 58.7932

Complementary

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



95.9530, -29.0638, -11.3598



55.0470, 29.0638, 11.3598

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.



107.3790, 15.5892, 40.0096



95.9530, -29.0638, -11.3598



87.3900, 45.1637, -66.1170

Square

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



95.9530, -29.0638, -11.3598



88.0300, 27.5932, -77.2023



106.6330, 30.2539, 2.9529



102.6670, -18.0768, 58.1740

Rectangle

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



95.9530, -29.0638, -11.3598



82.3300, 5.7533, -72.2034



106.6330, 30.2539, 2.9529



105.0190, 4.9206, 55.2343

Sweetspot

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



95.9530, -29.0638, -11.3598



140.9920, -11.3351, -4.3780



78.2200, -20.3215, 31.3791



69.8550, -6.8305, -2.5038



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



95.9530, -29.0638, -11.3598



119.9680, -45.3402, -17.5119



84.5910, -23.4624, -34.7213



54.7180, -2.3260, -0.6297



91.9680, -45.3402, -17.5119



189.2410, -93.2958, -36.1684

Inverse Universe

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



55.0470, 29.0638, 11.3598



56.0320, 45.3402, 17.5119



66.4090, 23.4624, 34.7213



51.5810, 2.1786, 1.2445



28.0320, 45.3402, 17.5119



58.0580, 93.1484, 36.7831

Previews

White Background



This preview shows how the YUV color 95.9530, -29.0638, -11.3598 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 95.9530, -29.0638, -11.3598 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 95.9530, -29.0638, -11.3598

Background



This preview shows how black text looks on a background with the YUV color 95.9530, -29.0638, -11.3598.



This preview shows how white text looks on a background with the YUV color 95.9530, -29.0638, -11.3598.

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

95.9530, -29.0638, -11.3598

Protanopia

100.4940, -32.7815, 14.4758

Deuteranopia

101.7710, -29.4671, 24.7568



Tritanopia

103.7260, 5.5581, -9.4067

Trichromacy



Original Color

95.9530, -29.0638, -11.3598

Protanomaly

98.7810, -31.4440, 5.4541

Deuteranomaly

99.3950, -29.2817, 11.9316

Tritanomaly

101.0990, -6.9508, -10.6108

Monochromacy



Original Color

95.9530, -29.0638, -11.3598

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.2200, -10.4615, -4.5779

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.9530, -29.0638, -11.3598 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(83, 114, 37)` looks like.

```
.text, #text, p{  
    color:rgb(83, 114, 37)  
}
```

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(83, 114, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 114, 37) }
```

Border

The CSS property to change the border of an element to YUV 95.9530, -29.0638, -11.3598 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(83, 114, 37) }
```


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

```
.border{ border-color:rgb(83, 114, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 114, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 114, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 114, 37);  
box-shadow:4px 4px 4px 4px rgb(83, 114,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 95.9530, -29.0638, -11.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 114, 37) }
```

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

```
.background{ background-color: rgb(83, 114,  
37) }
```

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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