

Converting Colors

YUV(115.0080, -26.1329,
-64.9050)

Have a look what the booklet for
YUV(115.0080, -26.1329, -64.9050)
contains.

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Color

**YUV(115.0080, -26.1329,
-64.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	29A33E
RGB	41, 163, 62
RGB Percent	16%, 64%, 24%
CMY	0.8392, 0.3608, 0.7569
CMYK	0.75, 0.00, 0.62, 0.36
HSL	130°, 60%, 40%
HSV	130°, 75%, 64%
XYZ	14.8811, 27.0136, 8.9873
YIQ	115.0080, -40.2910, -57.2750

Conversions

Conversions Part 2

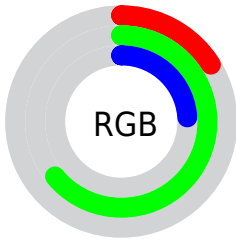
Format	Color
R_{YB}	41, 145, 163
Decimal	2728766
CIE _{Lab}	58.99, -53.73, 42.21
CIE _{LCh}	59, 68.329, 141.850
Yxy	27.0136, 0.2925, 0.5309
Android (android.graphics.Color)	4280918846 (0xFF29A33E)
YUV	115.0080, -26.1329, -64.9050
Hunter-Lab	51.9746, -39.8482, 26.1300

Details

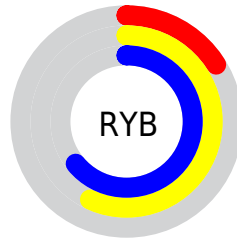
The YUV color **115.0080, -26.1329, -64.9050** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **88.9920, 26.1329, 64.9050**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.1290, -29.6436, -58.8721**, and **65.2540, -29.2122, -57.2278** is the 20% darker color. If you saturate the color by 10%, you get **108.7420, -29.4528, -73.4417**, and if you desaturate by 10%, it is **121.2740, -22.8131, -56.3683**.

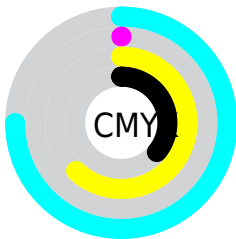
Distribution



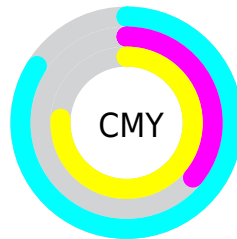
- Red (16%)
- Green (64%)
- Blue (24%)



- Red (16%)
- Yellow (57%)
- Blue (64%)



- Cyan (75%)
- Magenta (0%)
- Yellow (62%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.0080, -26.1329, -64.9050 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 115.0080, -26.1329, -64.9050 by changing the saturation by 10% instead.

■ 115.0080,
-26.1329, -64.9050

■ 115.0080,
-26.1329, -64.9050

■ 255.0000, 0.0000,
0.0000

■ 83.9360, -23.6324,
-73.6119

■ 173.1290,
-29.6436, -58.8721

■ 65.2540, -29.2122,
-57.2278

■ 201.9010,
-30.5172, -58.6722

■ 49.3080, -24.3088,
-43.2431

■ 217.7590,
-25.0242, -47.1466

■ 35.2200, -17.3635,
-30.8879

■ 229.5080,
-17.5054, -32.0175

■ 21.7190, -10.7075,
-19.0476

■ 241.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 254.0600, -1.0156,

-0.9296

■ 115.0080,
-26.1329, -64.9050

■ 115.0080,
-26.1329, -64.9050

■ 108.7420,
-29.4528, -73.4417

■ 121.2740,
-22.8131, -56.3683

■ 102.0630,
-33.0621, -82.4933

■ 127.9530,
-19.2038, -47.3168

■ 98.8730, -34.9404,
-86.7116

■ 134.2190,
-15.8840, -38.7801

■ 140.5990,
-12.1273, -30.3433

■ 146.8650, -8.8074,
-21.8066

■ 153.5440, -5.1982,
-12.7551

■ 159.8100, -1.8783,
-4.2184

■ 166.1900, 1.8783,
4.2184

■ 172.7550, 5.0508,
13.3699

Harmonies

Analogous

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



127.4960, -62.8555, 0.4420



115.0080, -26.1329, -64.9050



112.6380, 5.1085, -98.7835

Triad

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



115.0080, -26.1329, -64.9050



119.4680, 66.8173, -104.7734



134.0880, -16.3124, 99.0238

Complementary

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



115.0080, -26.1329, -64.9050



88.9920, 26.1329, 64.9050

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.



137.6610, 11.5061, 89.7513



115.0080, -26.1329, -64.9050



138.7210, 56.8325, -28.6963

Square

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



115.0080, -26.1329, -64.9050



123.7590, 55.3348, -108.5366



145.5750, 35.2125, 45.9767



136.2140, -44.4755, 78.7423

Rectangle

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



115.0080, -26.1329, -64.9050



118.0130, 23.1646, -103.4974



145.5750, 35.2125, 45.9767



134.6180, -6.7137, 100.3130

Sweetspot

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



115.0080, -26.1329, -64.9050



193.5010, -10.1070, -24.9954



143.1120, -50.3412, -0.0982



96.0060, -5.9190, -14.9143



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



115.0080, -26.1329, -64.9050



136.8790, -40.8593, -101.6259



121.8480, 0.0749, -70.9037



78.5110, -1.7309, -4.8331



87.9650, -31.0417, -77.1453



10.9080, -3.8986, -9.5663

Inverse Universe

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



88.9920, 26.1329, 64.9050



96.1210, 40.8593, 101.6259



82.1520, -0.0749, 70.9037



76.4890, 1.7309, 4.8331



57.0350, 31.0417, 77.1453



7.0920, 3.8986, 9.5663

Previews

White Background



This preview shows how the YUV color 115.0080, -26.1329, -64.9050 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 115.0080, -26.1329, -64.9050 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 115.0080, -26.1329, -64.9050 Background



This preview shows how black text looks on a background with the YUV color 115.0080, -26.1329, -64.9050.



This preview shows how white text looks on a background with the YUV color 115.0080, -26.1329, -64.9050.

-64.9050.

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

115.0080, -26.1329, -64.9050

Protanopia

136.0940, -39.4863, 18.3346

Deuteranopia

138.4790, -33.2671, 30.2749



Tritanopia

131.0460, 16.7393, -49.1523

Trichromacy



Original Color

115.0080, -26.1329, -64.9050

Protanomaly

128.4600, -34.7368, -11.8044

Deuteranomaly

130.2420, -30.6853, -4.5972

Tritanomaly

125.5880, 1.1891, -54.8897

Monochromacy



Original Color

115.0080, -26.1329, -64.9050

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.7400, -9.2388, -23.4510

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.0080, -26.1329, -64.9050 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(41, 163, 62)` looks like.

```
.text, #text, p{  
    color:rgb(41, 163, 62)  
}
```

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(41, 163, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 163, 62) }
```

Border

The CSS property to change the border of an element to YUV 115.0080, -26.1329, -64.9050 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(41, 163, 62) }
```


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

```
.border{ border-color:rgb(41, 163, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 163, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 163, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 163, 62);  
box-shadow:4px 4px 4px 4px rgb(41, 163,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 115.0080, -26.1329, -64.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 163, 62) }
```

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

```
.background{ background-color: rgb(41, 163,  
62) }
```

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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