

Converting Colors

YUV(59.8320, -12.2422,
-40.1947)

Have a look what the booklet for
YUV(59.8320, -12.2422, -40.1947)
contains.

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Color

**YUV(59.8320, -12.2422,
-40.1947)**

Conversions

Conversions Part 1

Format	Color
Hex	0E5823
RGB	14, 88, 35
RGB Percent	5%, 35%, 14%
CMY	0.9451, 0.6549, 0.8627
CMYK	0.84, 0.00, 0.60, 0.65
HSL	137°, 73%, 20%
HSV	137°, 84%, 35%
XYZ	3.9742, 7.1942, 2.7693
YIQ	59.8320, -27.0910, -32.1710

Conversions

Conversions Part 2

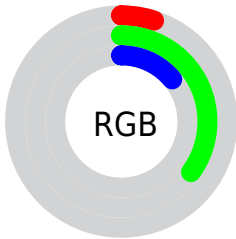
Format	Color
R_{YB}	14, 72, 88
Decimal	940067
CIE _{Lab}	32.24, -34.41, 24.36
CIE _{LCh}	32, 42.162, 144.698
Yxy	7.1942, 0.2851, 0.5162
Android (android.graphics.Color)	4279130147 (0xFF0E5823)
YUV	59.8320, -12.2422, -40.1947
Hunter-Lab	26.8219, -20.4901, 12.6539

Details

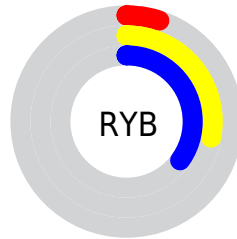
The YUV color **59.8320, -12.2422, -40.1947** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **42.1680, 12.2422, 40.1947**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.0560, -15.3106, -36.0061**, and **24.6540, -12.1544, -21.6216** is the 20% darker color. If you saturate the color by 10%, you get **56.4570, -13.5363, -45.1278**, and if you desaturate by 10%, it is **63.2070, -10.9481, -35.2615**.

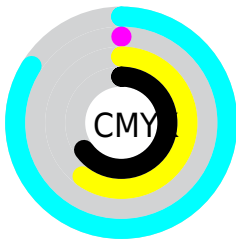
Distribution



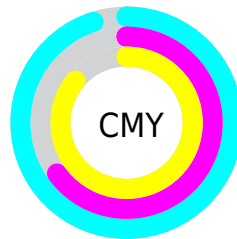
- Red (5%)
- Green (35%)
- Blue (14%)



- Red (5%)
- Yellow (28%)
- Blue (35%)



- Cyan (84%)
- Magenta (0%)
- Yellow (60%)
- Black (65%)



- Cyan (95%)
- Magenta (65%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.8320, -12.2422, -40.1947 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 59.8320, -12.2422, -40.1947 by changing the saturation by 10% instead.

■ 59.8320, -12.2422,
-40.1947

■ 59.8320, -12.2422,
-40.1947

255.0000, 0.0000,
0.0000

■ 39.0500, -12.8426,
-34.2468

■ 112.0560,
-15.3106, -36.0061

■ 24.6540, -12.1544,
-21.6216

■ 138.2410,
-15.8948, -35.2914

■ 8.8050, -4.3409,
-7.7220

■ 165.3010,
-16.9104, -36.2210

■ 0.0000, 0.0000,
0.0000

■ 192.8880,
-17.1998, -36.7358

■ 221.3610,
-17.9260, -37.1506

■ 235.7460,

-11.7068, -25.2102

■ 247.7230, -3.3144,
-10.2811

■ 59.8320, -12.2422,
-40.1947

■ 59.8320, -12.2422,
-40.1947

■ 56.4570, -13.5363,
-45.1278

■ 63.2070, -10.9481,
-35.2615

■ 54.5060, -14.5465,
-47.8018

■ 66.6960, -9.2171,
-30.4284

■ 69.7720, -7.7756,
-26.1100

■ 73.1470, -6.4815,
-21.1769

■ 76.6360, -4.7505,
-16.3438

■ 80.0110, -3.4564,
-11.4106

■ 83.3860, -2.1623,
-6.4775

■ 86.4620, -0.7208,
-2.1592

■ 89.9510, 1.0102,
2.6740

Harmonies

Analogous

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



68.0250, -31.5643, -2.6529



59.8320, -12.2422, -40.1947



61.2830, 3.8045, -53.7452

Triad

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



59.8320, -12.2422, -40.1947



64.3220, 38.2953, -56.4104



72.1810, -10.9352, 54.2153

Complementary

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



59.8320, -12.2422, -40.1947



42.1680, 12.2422, 40.1947

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.



74.1710, 4.3527, 50.7160



59.8320, -12.2422, -40.1947



75.7300, 29.7131, -10.2872

Square

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



59.8320, -12.2422, -40.1947



66.4760, 31.3173, -58.2995



77.6980, 18.3899, 28.3289



73.2060, -25.7376, 41.9153

Rectangle

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



59.8320, -12.2422, -40.1947



63.9050, 13.8508, -56.0447



77.6980, 18.3899, 28.3289



72.5600, -5.6991, 54.7599

Sweetspot

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



59.8320, -12.2422, -40.1947



103.9350, -4.8980, -15.7290



73.2850, -29.2275, -5.5119



52.1360, -3.0250, -9.7663



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



59.8320, -12.2422, -40.1947



71.2670, -18.8656, -62.5012



64.0500, 3.9194, -43.8939



41.4620, -0.7208, -2.1592



66.2290, -17.8609, -58.0828



145.5830, -38.7414, -127.6763

Inverse Universe

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



42.1680, 12.2422, 40.1947



43.7330, 18.8656, 62.5012



37.9500, -3.9194, 43.8939



40.5380, 0.7208, 2.1592



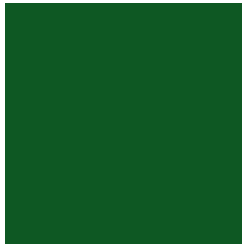
40.7710, 17.8609, 58.0828



89.4170, 38.7414, 127.6763

Previews

White Background



This preview shows how the YUV color 59.8320, -12.2422, -40.1947 looks on a white background.

Color Contrast Check

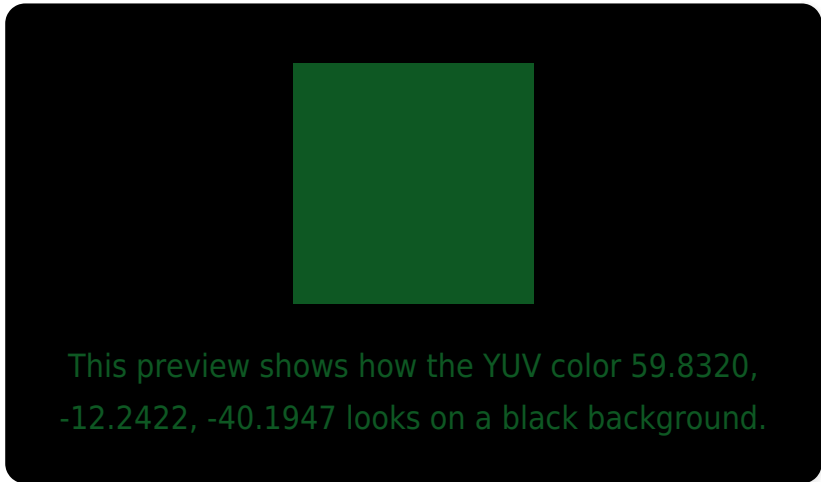
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 59.8320, -12.2422, -40.1947

Background



This preview shows how black text looks on a background with the YUV color 59.8320, -12.2422, -40.1947.



This preview shows how white text looks on a background with the YUV color 59.8320, -12.2422, -40.1947.

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

59.8320, -12.2422, -40.1947

Protanopia

73.2620, -20.8352, 9.4172

Deuteranopia

74.6310, -17.0731, 16.1096



Tritanopia

69.9300, 9.4015, -28.8796

Trichromacy



Original Color

59.8320, -12.2422, -40.1947

Protanomaly

68.2490, -17.8708, -8.1114

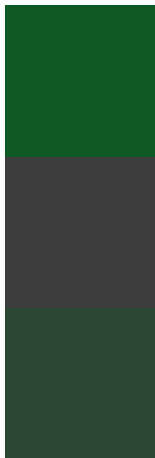
Deuteranomaly

69.2540, -15.4082, -4.6078

Tritanomaly

66.4320, 1.2660, -32.8279

Monochromacy



Original Color

59.8320, -12.2422, -40.1947

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.7610, -4.3192, -14.6994

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.8320, -12.2422, -40.1947 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(14, 88, 35)` looks like.

```
.text, #text, p{  
    color:rgb(14, 88, 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(14, 88, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 88, 35) }
```

Border

The CSS property to change the border of an element to YUV 59.8320, -12.2422, -40.1947 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(14, 88, 35) }
```


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

```
.border{ border-color:rgb(14, 88, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 88, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 88, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 88, 35);  
box-shadow:4px 4px 4px 4px rgb(14, 88, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.8320, -12.2422, -40.1947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 88, 35) }
```

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

```
.background{ background-color: rgb(14, 88,  
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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