

Converting Colors

YUV(61.9620, -12.7993,
-48.2017)

Have a look what the booklet for
YUV(61.9620, -12.7993, -48.2017)
contains.

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Color

**YUV(61.9620, -12.7993,
-48.2017)**

Conversions

Conversions Part 1

Format	Color
Hex	075F24
RGB	7, 95, 36
RGB Percent	3%, 37%, 14%
CMY	0.9725, 0.6275, 0.8588
CMYK	0.93, 0.00, 0.62, 0.63
HSL	140°, 86%, 20%
HSV	140°, 93%, 37%
XYZ	4.4983, 8.3570, 3.0450
YIQ	61.9620, -33.5090, -37.0050

Conversions

Conversions Part 2

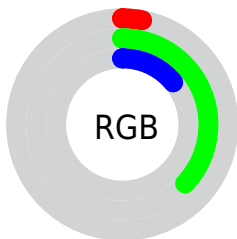
Format	Color
R_{YB}	7, 73, 95
Decimal	483108
CIE _{Lab}	34.72, -37.74, 26.73
CIE _{LCh}	35, 46.251, 144.690
Yxy	8.3570, 0.2829, 0.5256
Android (android.graphics.Color)	4278673188 (0xFF075F24)
YUV	61.9620, -12.7993, -48.2017
Hunter-Lab	28.9084, -22.8144, 13.9906

Details

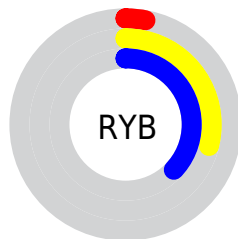
The YUV color **61.9620, -12.7993, -48.2017** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **40.0380, 12.7993, 48.2017**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.3930, -16.4627, -39.8097**, and **27.5890, -13.6014, -24.1956** is the 20% darker color. If you saturate the color by 10%, you get **59.2990, -13.9514, -52.0052**, and if you desaturate by 10%, it is **65.3370, -11.5051, -43.2685**.

Distribution



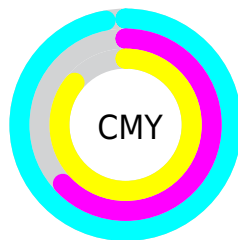
- Red (3%)
- Green (37%)
- Blue (14%)



- Red (3%)
- Yellow (29%)
- Blue (37%)



- Cyan (93%)
- Magenta (0%)
- Yellow (62%)
- Black (63%)



- Cyan (97%)
- Magenta (63%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.9620, -12.7993, -48.2017 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 61.9620, -12.7993, -48.2017 by changing the saturation by 10% instead.

■ 61.9620, -12.7993,
-48.2017

■ 61.9620, -12.7993,
-48.2017

255.0000, 0.0000,
0.0000

■ 43.1590, -14.8684,
-37.8504

■ 116.3930,
-16.4627, -39.8097

■ 27.5890, -13.6014,
-24.1956

■ 143.0510,
-17.7731, -39.5097

■ 14.6750, -7.2348,
-12.8700

■ 170.2250,
-18.3519, -40.5393

■ 0.0000, 0.0000,
0.0000


■ 197.9970,
-19.2255, -40.3394


■ 224.8230,
-18.6467, -39.3098


■ 236.3870,


-10.5438, -24.8954


 248.2500, -2.5882,
-9.8663


 61.9620, -12.7993,
-48.2017


 61.9620, -12.7993,
-48.2017


 59.2990, -13.9514,
-52.0052

 65.3370, -11.5051,
-43.2685

 69.1250, -9.9216,
-37.8206

 72.5000, -8.6275,
-32.8875

 76.1740, -7.4808,
-27.3396

 79.9620, -5.8973,
-21.8917

■ 83.3370, -4.6031,
-16.9585

■ 87.1250, -3.0196,
-11.5106

■ 90.5000, -1.7255,
-6.5775

■ 94.1740, -0.5788,
-1.0296

Harmonies

Analogous

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



72.8740, -35.9269, -3.3975



61.9620, -12.7993, -48.2017



65.9620, 3.9627, -57.8487

Triad

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



61.9620, -12.7993, -48.2017



69.3260, 42.2373, -60.7989



77.2850, -11.9725, 60.2631

Complementary

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



61.9620, -12.7993, -48.2017



40.0380, 12.7993, 48.2017

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.



78.2580, 5.7888, 56.7787



61.9620, -12.7993, -48.2017



81.0440, 33.5023, -12.3166

Square

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



61.9620, -12.7993, -48.2017



72.4260, 33.8070, -63.5176



83.2900, 20.5630, 31.3177



77.8430, -28.5166, 46.6187

Rectangle

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



61.9620, -12.7993, -48.2017



69.3990, 14.5933, -60.8629



83.2900, 20.5630, 31.3177



76.6040, -5.7208, 61.7373

Sweetspot

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



61.9620, -12.7993, -48.2017



109.2120, -5.0345, -18.6029



76.5960, -34.3108, -8.4157



53.1250, -3.0196, -11.5106



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



61.9620, -12.7993, -48.2017



76.1740, -17.8338, -66.8046



66.8640, 5.9830, -52.5007



46.4620, -0.7208, -2.1592



69.9620, -16.2503, -61.3567



149.8860, -34.9468, -131.4500

Inverse Universe

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



40.0380, 12.7993, 48.2017



45.8260, 17.8338, 66.8046



35.1360, -5.9830, 52.5007



45.5380, 0.7208, 2.1592



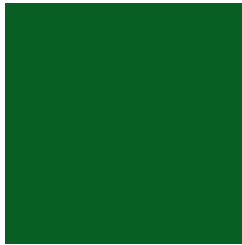
42.0380, 16.2503, 61.3567



90.1140, 34.9468, 131.4500

Previews

White Background



This preview shows how the YUV color 61.9620, -12.7993, -48.2017 looks on a white background.

Color Contrast Check

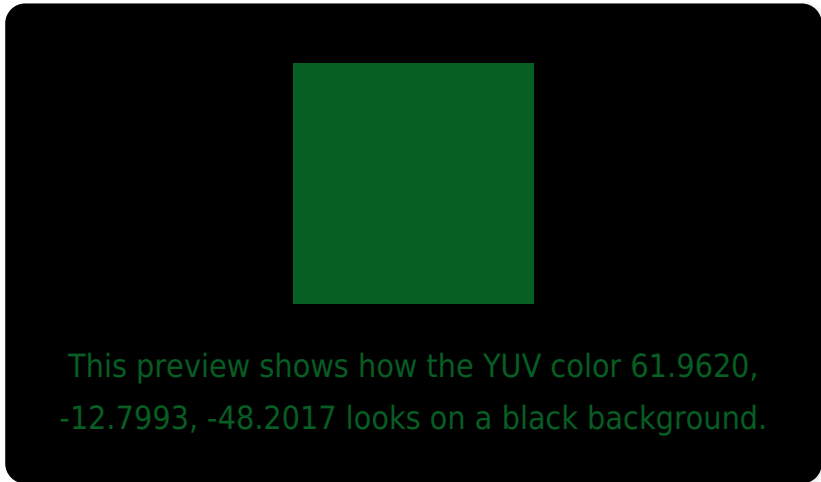
Large Text (above 18pt) WCAG AA ✓ Pass

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

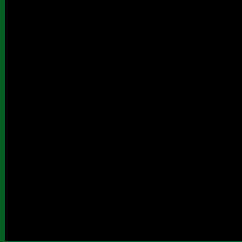
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.9620, -12.7993, -48.2017

Background



This preview shows how black text looks on a background with the YUV color 61.9620, -12.7993, -48.2017.



This preview shows how white text looks on a background with the YUV color 61.9620, -12.7993, -48.2017.

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

61.9620, -12.7993, -48.2017

Protanopia

78.9910, -23.1666, 10.5319

Deuteranopia

80.3600, -19.4045, 17.2243



Tritanopia

74.5490, 10.5753, -32.0535

Trichromacy



Original Color

61.9620, -12.7993, -48.2017

Protanomaly

72.7710, -19.6071, -11.2002

Deuteranomaly

73.4880, -17.0026, -6.5670

Tritanomaly

69.9260, 2.0085, -37.6461

Monochromacy



Original Color

61.9620, -12.7993, -48.2017

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.0380, -4.4557, -17.5733

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.9620, -12.7993, -48.2017 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(7, 95, 36)` looks like.

```
.text, #text, p{  
    color:rgb(7, 95, 36)  
}
```

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(7, 95, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 95, 36) }
```

Border

The CSS property to change the border of an element to YUV 61.9620, -12.7993, -48.2017 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(7, 95, 36) }
```


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

```
.border{ border-color:rgb(7, 95, 36) }
```

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

Here you see how a box with a 4 pixel rgb(7, 95, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 95, 36); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 95, 36); box-shadow:4px  
4px 4px 4px rgb(7, 95, 36) }
```

Background

The CSS property to change the background color of an element to YUV 61.9620, -12.7993, -48.2017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 95, 36) }
```

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

```
.background{ background-color: rgb(7, 95,  
36) }
```

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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