

Converting Colors

YUV(75.6040, -20.0178,
-66.3047)

Have a look what the booklet for
YUV(75.6040, -20.0178, -66.3047)
contains.

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Color

**YUV(75.6040, -20.0178,
-66.3047)**

Conversions

Conversions Part 1

Format	Color
Hex	007A23
RGB	0, 122, 35
RGB Percent	0%, 48%, 14%
CMY	1.0000, 0.5216, 0.8627
CMYK	1.00, 0.00, 0.71, 0.52
HSL	137°, 100%, 24%
HSV	137°, 100%, 48%
XYZ	7.2629, 14.0404, 3.9174
YIQ	75.6040, -44.7850, -52.9210

Conversions

Conversions Part 2

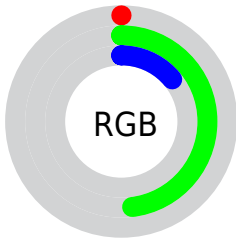
Format	Color
RYB	0, 95, 122
Decimal	31267
CIELab	44.29, -47.70, 37.92
CIELCh	44, 60.939, 141.513
Yxy	14.0404, 0.2880, 0.5567
Android (android.graphics.Color)	4278221347 (0xFF007A23)
YUV	75.6040, -20.0178, -66.3047
Hunter-Lab	37.4705, -30.9748, 20.0309

Details

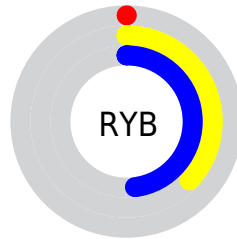
The YUV color **75.6040, -20.0178, -66.3047** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **46.3960, 20.0178, 66.3047**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.2100, -25.7395, -51.0502**, and **42.2640, -20.8362, -37.0655** is the 20% darker color. If you saturate the color by 10%, you get **75.6040, -20.0178, -66.3047**, and if you desaturate by 10%, it is **80.2180, -17.8555, -59.8272**.

Distribution



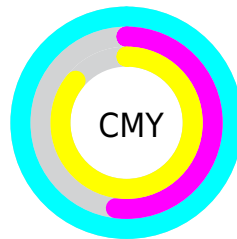
- Red (0%)
- Green (48%)
- Blue (14%)



- Red (0%)
- Yellow (37%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (71%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.6040, -20.0178, -66.3047 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 75.6040, -20.0178, -66.3047 by changing the saturation by 10% instead.

■ 75.6040, -20.0178,
-66.3047

■ 75.6040, -20.0178,
-66.3047

255.0000, 0.0000,
0.0000

■ 57.1500, -24.7239,
-50.1206

■ 136.2100,
-25.7395, -51.0502

■ 42.2640, -20.8362,
-37.0655

■ 163.3950,
-26.3237, -50.3354

■ 28.1760, -13.8908,
-24.7104

■ 192.0530,
-27.6341, -50.0355

■ 14.0880, -6.9454,
-12.3552

■ 217.0040,
-26.6240, -47.3615

■ 0.0000, 0.0000,
0.0000

■ 228.7530,
-19.1052, -32.2324

■ 240.7300,

-10.7129, -17.3032

■ 252.8920, -2.9048,
-1.6593

■ 75.6040, -20.0178,
-66.3047

■ 80.2180, -17.8555,
-59.8272

■ 84.7180, -16.1300,
-53.2497

■ 89.6310, -14.1151,
-46.1574

■ 94.2450, -11.9528,
-39.6799

■ 98.8590, -9.7905,
-33.2023

■ 103.3590, -8.0650,
-26.6248

■ 107.9730, -5.9027,
-20.1473

■ 112.8860, -3.8878,
-13.0550

■ 117.3860, -2.1623,
-6.4775

Harmonies

Analogous

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



93.8390, -46.2626, -1.6128



75.6040, -20.0178, -66.3047



83.9940, 1.9750, -73.6627

Triad

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



75.6040, -20.0178, -66.3047



90.9890, 56.7004, -79.7974



95.4390, -12.0484, 84.6840

Complementary

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



75.6040, -20.0178, -66.3047



46.3960, 20.0178, 66.3047

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.



97.8830, 11.3967, 78.1556



75.6040, -20.0178, -66.3047



100.3590, 49.1230, -29.2558

Square

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



75.6040, -20.0178, -66.3047



93.7640, 44.4863, -82.2310



106.6790, 30.7243, 38.8695



98.5590, -37.7436, 66.1618

Rectangle

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



75.6040, -20.0178, -66.3047



88.6850, 17.4103, -77.7767



106.6790, 30.7243, 38.8695



94.6270, -3.7601, 86.2731

Sweetspot

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



75.6040, -20.0178, -66.3047



140.0710, -7.9230, -25.4953



97.6270, -48.1301, -9.3199



68.3480, -4.6086, -15.2142



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



75.6040, -20.0178, -66.3047



97.8760, -26.0679, -85.8373



82.5580, 6.6269, -72.4034



58.7500, -0.8627, -3.2887



77.4790, -20.4491, -67.9491



156.1320, -41.4771, -136.9278

Inverse Universe

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



46.3960, 20.0178, 66.3047



60.1240, 26.0679, 85.8373



39.4420, -6.6269, 72.4034



57.2500, 0.8628, 3.2887



47.5210, 20.4491, 67.9491



95.8680, 41.4771, 136.9278

Previews

White Background



This preview shows how the YUV color 75.6040, -20.0178, -66.3047 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 75.6040, -20.0178, -66.3047 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 75.6040, -20.0178, -66.3047

Background



This preview shows how black text looks on a background with the YUV color 75.6040, -20.0178, -66.3047.



This preview shows how white text looks on a background with the YUV color 75.6040, -20.0178,

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

75.6040, -20.0178, -66.3047

Protanopia

100.0380, -34.5287, 14.8757

Deuteranopia

101.8850, -29.0303, 24.6569



Tritanopia

95.8900, 13.3652, -40.2455

Trichromacy



Original Color

75.6040, -20.0178, -66.3047

Protanomaly

90.9310, -29.0530, -14.8485

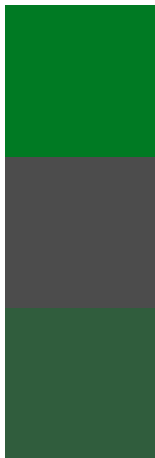
Deuteranomaly

92.1860, -25.7277, -8.0561

Tritanomaly

88.6210, 1.1728, -49.6566

Monochromacy



Original Color

75.6040, -20.0178, -66.3047

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8970, -7.3442, -24.4657

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.6040, -20.0178, -66.3047 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(0, 122, 35)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 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(0, 122, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 35) }
```

Border

The CSS property to change the border of an element to YUV 75.6040, -20.0178, -66.3047 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(0, 122, 35) }
```


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

```
.border{ border-color:rgb(0, 122, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 122, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 35);  
box-shadow:4px 4px 4px 4px rgb(0, 122, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.6040, -20.0178, -66.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 122, 35) }
```

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

```
.background{ background-color: rgb(0, 122,  
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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