

Converting Colors

YUV(69.2480, 91.0827,
-47.5755)

Have a look what the booklet for
YUV(69.2480, 91.0827, -47.5755)
contains.

YUV(69.2480, 91.0827, -47.5755)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(69.2480, 91.0827,
-47.5755)**

Conversions

Conversions Part 1

Format	Color
Hex	0F3DFE
RGB	15, 61, 254
RGB Percent	6%, 24%, 100%
CMY	0.9412, 0.7608, 0.0039
CMYK	0.94, 0.76, 0.00, 0.00
HSL	228°, 99%, 53%
HSV	228°, 94%, 100%
XYZ	19.7551, 10.5948, 94.7697
YIQ	69.2480, -89.3690, 50.2710

Conversions

Conversions Part 2

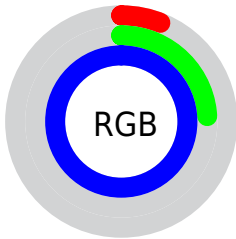
Format	Color
R_{YB}	15, 54, 254
Decimal	998910
CIE _{Lab}	38.89, 59.58, -96.32
CIE _{LCh}	39, 113.259, 301.741
Yxy	10.5948, 0.1579, 0.0847
Android (android.graphics.Color)	4279188990 (0xFF0F3DFE)
YUV	69.2480, 91.0827, -47.5755
Hunter-Lab	32.5497, 51.3739, -149.8406

Details

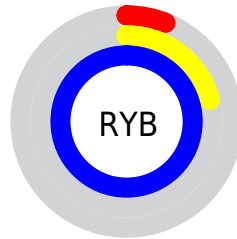
The YUV color **69.2480, 91.0827, -47.5755** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **199.7520, -91.0827, 47.5755**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.1070, 61.5722, -8.8638**, and **30.5620, 81.5609, -26.8029** is the 20% darker color. If you saturate the color by 10%, you get **57.7190, 96.7665, -50.6196**, and if you desaturate by 10%, it is **89.0500, 81.3203, -43.0168**.

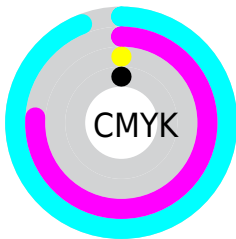
Distribution



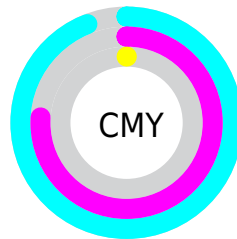
- Red (6%)
- Green (24%)
- Blue (100%)



- Red (6%)
- Yellow (21%)
- Blue (100%)



- Cyan (94%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (76%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.2480, 91.0827, -47.5755 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 69.2480, 91.0827, -47.5755 by changing the saturation by 10% instead.

■ 69.2480, 91.0827,
-47.5755

■ 69.2480, 91.0827,
-47.5755

■ 255.0000, 0.0000,
0.0000

■ 47.3690, 87.5721,
-41.5426

■ 130.1070, 61.5722,
-8.8638

■ 30.5620, 81.5609,
-26.8029

■ 155.8340, 48.8888,
-0.7314

■ 19.0380, 72.9453,
-16.6963

■ 180.9630, 36.5002,
6.1714

■ 15.9600, 61.1517,
-13.9969

■ 207.2660, 23.5329,
12.0447

■ 19.9260, 45.8855,
-17.4751

■ 233.2700, 10.7129,
17.3032

■ 16.9620, 34.5287,
-14.8757

■ 250.8910, 2.0257,

■ 10.7040, 25.7819,

3.6036

-9.3874

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 69.2480, 91.0827,
-47.5755

■ 69.2480, 91.0827,
-47.5755

■ 57.7190, 96.7665,
-50.6196

■ 89.0500, 81.3203,
-43.0168

■ 108.5640, 71.6999,
-37.3286

■ 128.3660, 61.9376,
-32.7700

■ 147.8800, 52.3172,
-27.0818

■ 167.6820, 42.5548,
-22.5231

■ 186.8970, 33.0818,
-17.4497

■ 206.9980, 23.1720,
-12.2762

■ 226.2130, 13.6990,
-7.2028

■ 246.3140, 3.7892,
-2.0294

Harmonies

Analogous

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



91.8790, 80.4187, -80.5779



69.2480, 91.0827, -47.5755



79.2380, 50.1687, 102.4003

Triad

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



69.2480, 91.0827, -47.5755



74.6420, -36.7985, 89.7680



81.8570, 6.4795, -71.7886

Complementary

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



69.2480, 91.0827, -47.5755



199.7520, -91.0827, 47.5755

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.



69.2660, -34.1481, -60.7463



69.2480, 91.0827, -47.5755



85.7090, -42.2545, 19.5492

Square

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



69.2480, 91.0827, -47.5755



66.9760, -33.0192, 137.7100



65.1570, -32.1224, -57.1427



93.7470, 46.9597, -82.2161

Rectangle

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



69.2480, 91.0827, -47.5755



82.5640, 18.9489, 129.3014



65.1570, -32.1224, -57.1427



77.5080, -7.6454, -67.9745

Sweetspot

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



69.2480, 91.0827, -47.5755



199.7250, 27.2506, -13.7908



177.0670, 14.2640, -142.1328



93.7120, 16.9040, -8.5174



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



69.2480, 91.0827, -47.5755



57.8330, 97.2033, -50.7195



63.7740, 93.7814, 20.3692



117.6560, 5.0996, -2.3293



43.4930, 72.7210, -38.1434



14.3400, 24.4824, -12.5762

Inverse Universe

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



91.7050, -15.1376, 142.3327



81.8310, -16.1857, 151.8692



205.2260, -93.7814, -20.3692



119.1150, -1.0427, 7.7921



61.3270, -11.9932, 113.7232



20.5040, -4.1925, 38.1460

Previews

White Background



This preview shows how the YUV color 69.2480, 91.0827, -47.5755 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 69.2480, 91.0827, -47.5755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

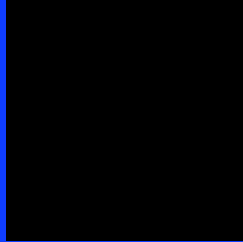
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.2480, 91.0827, -47.5755

Background



This preview shows how black text looks on a background with the YUV color 69.2480, 91.0827, -47.5755.



This preview shows how white text looks on a background with the YUV color 69.2480, 91.0827, -47.5755.

-47.5755.

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

69.2480, 91.0827, -47.5755

Protanopia

72.0450, 55.1938, -63.1835

Deuteranopia

72.3750, 41.2271, -63.4729



Tritanopia

71.3710, 17.0721, -62.5924

Trichromacy



Original Color

69.2480, 91.0827, -47.5755

Protanomaly

71.1070, 67.9812, -57.9758

Deuteranomaly

70.9300, 59.6875, -57.8206

Tritanomaly

70.2170, 44.2630, -57.1953

Monochromacy



Original Color

69.2480, 91.0827, -47.5755

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.8970, 33.0818, -17.4497

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.2480, 91.0827, -47.5755 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(15, 61, 254)` looks like.

```
.text, #text, p{  
    color:rgb(15, 61, 254)  
}
```

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(15, 61, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 61, 254) }
```

Border

The CSS property to change the border of an element to YUV 69.2480, 91.0827, -47.5755 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(15, 61, 254) }
```


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

```
.border{ border-color:rgb(15, 61, 254) }
```

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

Here you see how a box with a 4 pixel rgb(15, 61, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 61, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 61, 254);  
box-shadow:4px 4px 4px 4px rgb(15, 61,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 69.2480, 91.0827, -47.5755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 61, 254) }
```

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

```
.background{ background-color: rgb(15, 61,  
254) }
```

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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