

Converting Colors

YUV(66.0390, -19.2462,
13.1208)

Have a look what the booklet for
YUV(66.0390, -19.2462, 13.1208)
contains.

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Color

**YUV(66.0390, -19.2462,
13.1208)**

Conversions

Conversions Part 1

Format	Color
Hex	51421B
RGB	81, 66, 27
RGB Percent	32%, 26%, 11%
CMY	0.6824, 0.7412, 0.8941
CMYK	0.00, 0.19, 0.67, 0.68
HSL	43°, 50%, 21%
HSV	43°, 67%, 32%
XYZ	5.5394, 5.7249, 1.8500
YIQ	66.0390, 21.4590, -8.9490

Conversions

Conversions Part 2

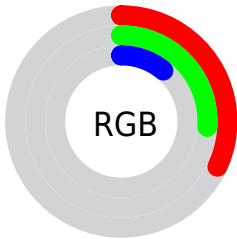
Format	Color
RYB	48, 81, 27
Decimal	5325339
CIELab	28.71, 1.15, 25.67
CIElCh	29, 25.692, 87.433
Yxy	5.7249, 0.4224, 0.4365
Android (android.graphics.Color)	4283515419 (0xFF51421B)
YUV	66.0390, -19.2462, 13.1208
Hunter-Lab	23.9267, -0.5465, 12.1645

Details

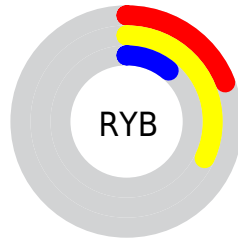
The YUV color **66.0390, -19.2462, 13.1208** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **41.9610, 19.2462, -13.1208**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.5940, -20.9988, 15.2651**, and **24.2540, -11.9572, 8.5472** is the 20% darker color. If you saturate the color by 10%, you get **63.9530, -22.1618, 14.9502**, and if you desaturate by 10%, it is **68.1250, -16.3306, 11.2914**.

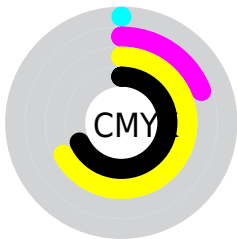
Distribution



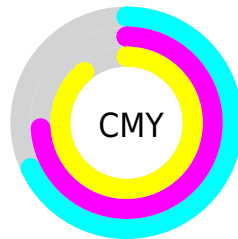
- Red (32%)
- Green (26%)
- Blue (11%)



- Red (19%)
- Yellow (32%)
- Blue (11%)



- Cyan (0%)
- Magenta (19%)
- Yellow (67%)
- Black (68%)



- Cyan (68%)
- Magenta (74%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.0390, -19.2462, 13.1208 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 66.0390, -19.2462, 13.1208 by changing the saturation by 10% instead.

■ 66.0390, -19.2462,
13.1208

■ 66.0390, -19.2462,
13.1208

■ 255.0000, 0.0000,
0.0000

■ 43.2130, -19.8250,
12.0912

■ 114.5940,
-20.9988, 15.2651

■ 24.2540, -11.9572,
8.5472

■ 140.0780,
-21.7305, 16.5946

■ 0.0000, 0.0000,
0.0000

■ 166.2630,
-22.3147, 17.3093

■ 193.7470,
-23.0463, 18.6389

■ 221.6330,
-23.4831, 18.7389

■ 245.4360,

-21.4139, 8.3876

252.1500,
-10.9200, 2.4994

66.0390, -19.2462,
13.1208

66.0390, -19.2462,
13.1208

63.9530, -22.1618,
14.9502

68.1250, -16.3306,
11.2914

61.8670, -25.0774,
16.7796

70.7980, -13.7044,
8.9472

59.1940, -27.7036,
19.1239

72.8840, -10.7888,
7.1177

58.8520, -29.0140,
19.4238

74.9700, -7.8732,
5.2883

77.1700, -4.5208,
3.3589

■ 79.8430, -1.8946,
1.0147

■ 81.9290, 1.0210,
-0.8147

■ 84.0150, 3.9366,
-2.6442

■ 86.1010, 6.8522,
-4.4736

Harmonies

Analogous

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



67.3270, -15.9372, 25.1462



66.0390, -19.2462, 13.1208



64.0370, -16.2872, -2.6634

Triad

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



66.0390, -19.2462, 13.1208



55.4760, 14.5553, -48.6525



70.2270, 9.2551, 18.2179

Complementary

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



66.0390, -19.2462, 13.1208



41.9610, 19.2462, -13.1208

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.



68.4570, 17.0297, -2.1548



66.0390, -19.2462, 13.1208



55.5390, 22.4123, -48.7077

Square

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



66.0390, -19.2462, 13.1208



53.1960, 5.8194, -46.6529



61.6600, 22.3526, -29.5198



68.7140, 0.6340, 30.0688

Rectangle

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



66.0390, -19.2462, 13.1208



62.3390, -11.0131, -14.3293



61.6600, 22.3526, -29.5198



69.9920, 12.3289, 12.2850

Sweetspot

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



66.0390, -19.2462, 13.1208



99.0840, -7.4364, 5.1883



44.8560, -1.4080, 31.6983



50.1700, -4.5208, 3.3589



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



66.0390, -19.2462, 13.1208



81.3360, -29.7456, 20.7533



71.2560, -21.8182, -1.9785



39.9570, -1.4578, 0.9147



76.0070, -37.4715, 25.4269



167.9840, -82.8161, 56.1420

Inverse Universe

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



41.9610, 19.2462, -13.1208



44.0770, 30.0350, -20.2385



36.7440, 21.8182, 1.9785



38.0430, 1.4578, -0.9147



28.9930, 37.4715, -25.4269



64.0160, 82.8161, -56.1420

Previews

White Background



This preview shows how the YUV color 66.0390, -19.2462, 13.1208 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



This preview shows how the YUV color 66.0390, -19.2462, 13.1208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

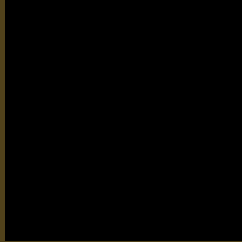
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.0390, -19.2462, 13.1208

Background



This preview shows how black text looks on a background with the YUV color 66.0390, -19.2462, 13.1208.

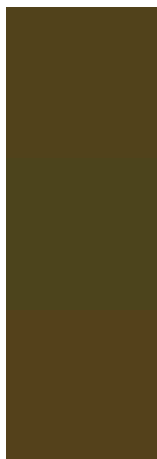


This preview shows how white text looks on a background with the YUV color 66.0390, -19.2462,

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

66.0390, -19.2462, 13.1208

Protanopia

65.8320, -18.6512, 8.9173

Deuteranopia

66.3490, -19.3991, 15.4799



Tritanopia

69.1480, -1.0590, 13.0252

Trichromacy



Original Color

66.0390, -19.2462, 13.1208

Protanomaly

65.8430, -18.6566, 10.6617

Deuteranomaly

66.0500, -19.2516, 14.8652

Tritanomaly

67.7260, -7.7529, 13.3953

Monochromacy



Original Color

66.0390, -19.2462, 13.1208

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.8990, -6.8522, 4.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.0390, -19.2462, 13.1208 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(81, 66, 27)` looks like.

```
.text, #text, p{  
    color:rgb(81, 66, 27)  
}
```

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(81, 66, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 66, 27) }
```

Border

The CSS property to change the border of an element to YUV 66.0390, -19.2462, 13.1208 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(81, 66, 27) }
```


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

```
.border{ border-color:rgb(81, 66, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 66, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 66, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 66, 27);  
box-shadow:4px 4px 4px 4px rgb(81, 66, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.0390, -19.2462, 13.1208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 66, 27) }
```

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

```
.background{ background-color: rgb(81, 66,  
27) }
```

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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