

Converting Colors

YUV(61.6540, -14.6194,
116.0674)

Have a look what the booklet for
YUV(61.6540, -14.6194, 116.0674)
contains.

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Color

**YUV(61.6540, -14.6194,
116.0674)**

Conversions

Conversions Part 1

Format	Color
Hex	C20020
RGB	194, 0, 32
RGB Percent	76%, 0%, 13%
CMY	0.2392, 1.0000, 0.8745
CMYK	0.00, 1.00, 0.84, 0.24
HSL	350°, 100%, 38%
HSV	350°, 100%, 76%
XYZ	22.5088, 11.5736, 2.4141
YIQ	61.6540, 105.3520, 51.0800

Conversions

Conversions Part 2

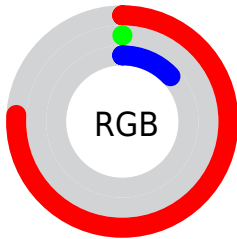
Format	Color
RYB	194, 0, 32
Decimal	12714016
CIELab	40.53, 65.68, 41.28
CIElCh	41, 77.574, 32.150
Yxy	11.5736, 0.6167, 0.3171
Android (android.graphics.Color)	4290904096 (0xFFC20020)
YUV	61.6540, -14.6194, 116.0674
Hunter-Lab	34.0200, 58.5669, 19.6068

Details

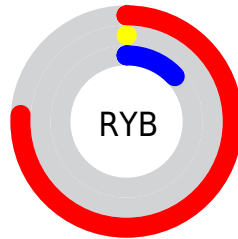
The YUV color **61.6540, -14.6194, 116.0674** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **132.3460, 14.6194, -116.0674**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.7440, -27.9748, 106.3415**, and **39.1690, -19.3103, 80.5358** is the 20% darker color. If you saturate the color by 10%, you get **61.6540, -14.6194, 116.0674**, and if you desaturate by 10%, it is **74.6310, -13.1291, 104.6866**.

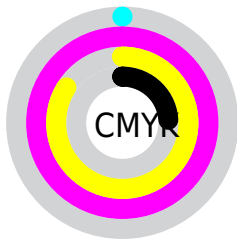
Distribution



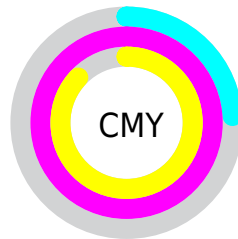
- Red (76%)
- Green (0%)
- Blue (13%)



- Red (76%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (84%)
- Black (24%)



- Cyan (24%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.6540, -14.6194, 116.0674 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 61.6540, -14.6194, 116.0674 by changing the saturation by 10% instead.

■ 61.6540, -14.6194,
116.0674

■ 61.6540, -14.6194,
116.0674

255.0000, 0.0000,
0.0000

■ 49.6920, -19.0752,
98.4941

■ 133.7440,
-27.9748, 106.3415

■ 39.1690, -19.3103,
80.5358

■ 154.2040,
-25.7366, 88.3981

■ 29.6010, -14.5933,
60.8629

■ 173.4900,
-22.9196, 71.4843

■ 21.5710, -9.1555,
43.3492

■ 193.4770,
-19.9552, 53.9557

■ 11.4760, -5.1647,
23.2615

■ 214.1650,
-16.8433, 35.8123

■ 0.0000, 0.0000,
0.0000

■ 234.3800,

-13.0053, 18.0837

■ 252.8340, -8.2992,
1.8996

■ 61.6540, -14.6194,
116.0674

■ 74.6310, -13.1291,
104.6866

■ 88.1950, -11.9281,
92.7910

■ 101.2860,
-10.0010, 81.3102

■ 114.8500, -8.8000,
69.4146

■ 127.8270, -7.3097,
58.0337

■ 140.8040, -5.8194,
46.6529

■ 154.3680, -4.6184,
34.7573

■ 167.4590, -2.6913,
23.2765

■ 181.0230, -1.4903,
11.3808

Harmonies

Analogous

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



70.8150, 11.4302, 114.1722



61.6540, -14.6194, 116.0674



87.7670, -43.2691, 65.1023

Triad

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



61.6540, -14.6194, 116.0674



71.8710, -21.6284, -63.0309



86.1110, 68.4723, -75.5193

Complementary

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



61.6540, -14.6194, 116.0674



132.3460, 14.6194, -116.0674

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.



92.5050, 57.4320, -81.1269



61.6540, -14.6194, 116.0674



81.7260, 8.5161, -71.6737

Square

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



61.6540, -14.6194, 116.0674



77.7260, -38.3189, -29.5777



89.4950, 35.7450, -78.4871



93.7070, 54.8674, -5.0050

Rectangle

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



61.6540, -14.6194, 116.0674



90.2380, -44.4873, 35.7483



89.4950, 35.7450, -78.4871



89.5190, 66.2991, -78.5082

Sweetspot

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



61.6540, -14.6194, 116.0674



200.7930, -5.8139, 44.9085



70.5540, 60.8589, 80.1981



96.5520, -3.7231, 27.5799



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.



61.6540, -14.6194, 116.0674



80.1360, -18.8010, 150.7247



96.1610, -47.4074, 85.8048



90.2180, -0.6005, 5.9478



51.1030, -12.3758, 96.3797



10.4370, -2.6804, 19.7878

Inverse Universe

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



61.6540, -14.6194, 116.0674



80.1360, -18.8010, 150.7247



97.8390, 47.4074, -85.8048



90.2180, -0.6005, 5.9478



51.1030, -12.3758, 96.3797



10.4370, -2.6804, 19.7878

Previews

White Background



This preview shows how the YUV color 61.6540, -14.6194, 116.0674 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 61.6540, -14.6194, 116.0674 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 61.6540, -14.6194, 116.0674

Background



This preview shows how black text looks on a background with the YUV color 61.6540, -14.6194, 116.0674.



This preview shows how white text looks on a background with the YUV color 61.6540, -14.6194,

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

61.6540, -14.6194, 116.0674

Protanopia

95.6320, -22.0036, 10.8467

Deuteranopia

92.8070, -40.8239, 27.3563



Tritanopia

67.6860, -33.3692, 109.9004

Trichromacy



Original Color

61.6540, -14.6194, 116.0674

Protanomaly

82.9710, -19.2127, 49.1374

Deuteranomaly

81.2360, -31.1753, 59.4290

Tritanomaly

65.5320, -26.3913, 111.7894

Monochromacy



Original Color

61.6540, -14.6194, 116.0674

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.5970, -5.2243, 42.4494

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.6540, -14.6194, 116.0674 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(194, 0, 32)` looks like.

```
.text, #text, p{  
    color:rgb(194, 0, 32)  
}
```

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(194, 0, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 0, 32) }
```

Border

The CSS property to change the border of an element to YUV 61.6540, -14.6194, 116.0674 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(194, 0, 32) }
```


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

```
.border{ border-color:rgb(194, 0, 32) }
```

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

Here you see how a box with a 4 pixel rgb(194, 0, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 0, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 0, 32);  
box-shadow:4px 4px 4px 4px rgb(194, 0, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.6540, -14.6194, 116.0674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 0, 32) }
```

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

```
.background{ background-color: rgb(194, 0,  
32) }
```

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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