

Converting Colors

YUV(79.4560, -14.5218,
84.6691)

Have a look what the booklet for
YUV(79.4560, -14.5218, 84.6691)
contains.

YUV(79.4560, -14.5218, 84.6691)	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(79.4560, -14.5218,
84.6691)**

Conversions

Conversions Part 1

Format	Color
Hex	B02432
RGB	176, 36, 50
RGB Percent	69%, 14%, 20%
CMY	0.3098, 0.8588, 0.8039
CMYK	0.00, 0.80, 0.72, 0.31
HSL	354°, 66%, 42%
HSV	354°, 80%, 69%
XYZ	19.1111, 10.7221, 4.0799
YIQ	79.4560, 78.9460, 34.0340

Conversions

Conversions Part 2

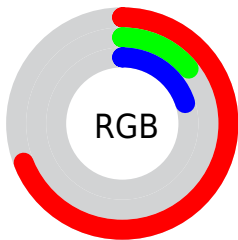
Format	Color
R _Y B	176, 36, 50
Decimal	11543602
CIE Lab	39.11, 55.39, 28.09
CIE LCh	39, 62.101, 26.892
Yxy	10.7221, 0.5635, 0.3162
Android (android.graphics.Color)	4289733682 (0xFFB02432)
YUV	79.4560, -14.5218, 84.6691
Hunter-Lab	32.7447, 46.8764, 15.5339

Details

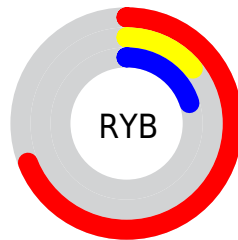
The YUV color **79.4560, -14.5218, 84.6691** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **132.5440, 14.5218, -84.6691**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.8710, -20.6424, 87.8131**, and **35.3680, -14.4784, 70.7143** is the 20% darker color. If you saturate the color by 10%, you get **67.0660, -16.3015, 95.5351**, and if you desaturate by 10%, it is **91.8460, -12.7421, 73.8031**.

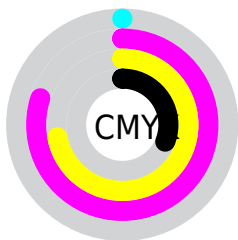
Distribution



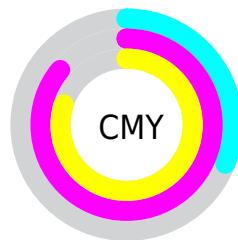
- Red (69%)
- Green (14%)
- Blue (20%)



- Red (69%)
- Yellow (14%)
- Blue (20%)



- Cyan (0%)
- Magenta (80%)
- Yellow (72%)
- Black (31%)



- Cyan (31%)
- Magenta (86%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.4560, -14.5218, 84.6691 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 79.4560, -14.5218, 84.6691 by changing the saturation by 10% instead.

■ 79.4560, -14.5218,
84.6691

■ 79.4560, -14.5218,
84.6691

255.0000, 0.0000,
0.0000

■ 46.9600, -8.8543,
86.8581

■ 137.8710,
-20.6424, 87.8131

■ 35.3680, -14.4784,
70.7143

■ 161.6530,
-20.0419, 81.8653

■ 25.7140, -12.6770,
52.8708

■ 181.0530,
-16.7881, 64.8515

■ 17.8690, -7.8234,
36.0719

■ 200.4530,
-13.5343, 47.8377

■ 5.6810, -2.8007,
11.6808

■ 220.6680, -9.6963,
30.1092

■ 0.0000, 0.0000,
0.0000

■ 240.8830, -5.8583,

12.3806

■ 79.4560, -14.5218,
84.6691

■ 79.4560, -14.5218,
84.6691

■ 67.0660, -16.3015,
95.5351

■ 91.8460, -12.7421,
73.8031

■ 55.2630, -18.3707,
105.8863

■ 103.6490,
-10.6730, 63.4518

■ 54.6760, -18.0813,
106.4011

■ 116.0390, -8.8932,
52.5858

■ 127.7280, -7.2609,
42.3345

■ 140.1180, -5.4812,
31.4685

■ 152.5080, -3.7014,
20.6025

■ 164.3110, -1.6323,
10.2513

■ 176.7010, 0.1474,
-0.6148

■ 188.5040, 2.2165,
-10.9660

Harmonies

Analogous

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



77.5250, 11.0802, 86.3626



79.4560, -14.5218, 84.6691



84.7880, -41.8005, 60.6989

Triad

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



79.4560, -14.5218, 84.6691



68.1040, -18.2923, -59.7272



80.8160, 55.7997, -70.8756

Complementary

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



79.4560, -14.5218, 84.6691



132.5440, 14.5218, -84.6691

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.



84.7480, 45.4802, -74.3240



79.4560, -14.5218, 84.6691



76.0210, 4.4266, -66.6704

Square

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



79.4560, -14.5218, 84.6691



80.2060, -39.5416, -10.7047



82.5360, 26.8508, -72.3841



90.2360, 45.7327, -15.1160

Rectangle

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



79.4560, -14.5218, 84.6691



87.3030, -43.0404, 38.3223



82.5360, 26.8508, -72.3841



83.4090, 53.0424, -73.1497

Sweetspot

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



79.4560, -14.5218, 84.6691



191.4280, -5.6340, 33.8276



89.6340, 42.5784, 63.4650



91.6220, -3.2646, 20.5025



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



79.4560, -14.5218, 84.6691



78.9890, -22.6726, 132.4366



110.7320, -36.8429, 57.2400



82.8050, -0.8899, 5.4330



47.4570, -16.0013, 92.5612



8.1160, -2.5222, 15.6843

Inverse Universe

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



79.4560, -14.5218, 84.6691



78.9890, -22.6726, 132.4366



101.2680, 36.8429, -57.2400



82.8050, -0.8899, 5.4330



47.4570, -16.0013, 92.5612



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 79.4560, -14.5218, 84.6691 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 79.4560, -14.5218, 84.6691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

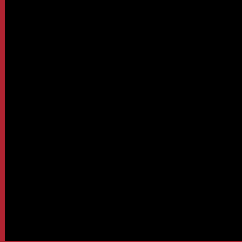
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.4560, -14.5218, 84.6691

Background



This preview shows how black text looks on a background with the YUV color 79.4560, -14.5218, 84.6691.



This preview shows how white text looks on a background with the YUV color 79.4560, -14.5218,

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

79.4560, -14.5218, 84.6691

Protanopia

92.4710, -11.0782, 6.6029

Deuteranopia

91.7150, -24.5095, 21.2979



Tritanopia

79.3760, -19.9054, 84.7392

Trichromacy



Original Color

79.4560, -14.5218, 84.6691

Protanomaly

87.7180, -12.1860, 35.3273

Deuteranomaly

87.4820, -20.9436, 44.3043

Tritanomaly

79.2450, -17.8688, 84.8541

Monochromacy



Original Color

79.4560, -14.5218, 84.6691

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.8190, -5.3338, 30.8537

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.4560, -14.5218, 84.6691 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(176, 36, 50)` looks like.

```
.text, #text, p{  
    color:rgb(176, 36, 50)  
}
```

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(176, 36, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 36, 50) }
```

Border

The CSS property to change the border of an element to YUV 79.4560, -14.5218, 84.6691 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(176, 36, 50) }
```


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

```
.border{ border-color:rgb(176, 36, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 36, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 36, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 36, 50);  
box-shadow:4px 4px 4px 4px rgb(176, 36,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 79.4560, -14.5218, 84.6691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 36, 50) }
```

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

```
.background{ background-color: rgb(176, 36,  
50) }
```

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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