

Converting Colors

YUV(88.8540, -28.5220,
48.3630)

Have a look what the booklet for
YUV(88.8540, -28.5220, 48.3630)
contains.

YUV(88.8540, -28.5220, 48.3630)	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(88.8540, -28.5220,
48.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	90481F
RGB	144, 72, 31
RGB Percent	56%, 28%, 12%
CMY	0.4353, 0.7176, 0.8784
CMYK	0.00, 0.50, 0.78, 0.44
HSL	22°, 65%, 34%
HSV	22°, 78%, 56%
XYZ	14.0663, 10.6630, 2.6131
YIQ	88.8540, 56.0730, 2.5130

Conversions

Conversions Part 2

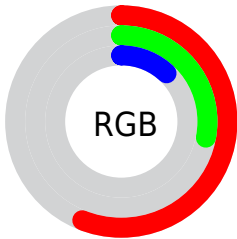
Format	Color
R_{YB}	144, 95, 31
Decimal	9455647
CIE _{Lab}	39.01, 27.38, 37.15
CIE _{LCh}	39, 46.147, 53.614
Yxy	10.6630, 0.5145, 0.3900
Android (android.graphics.Color)	4287645727 (0xFF90481F)
YUV	88.8540, -28.5220, 48.3630
Hunter-Lab	32.6542, 19.7468, 18.1133

Details

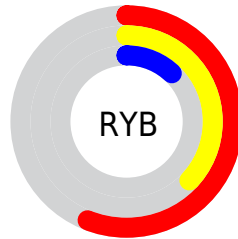
The YUV color **88.8540, -28.5220, 48.3630** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **86.1460, 28.5220, -48.3630**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.2030, -31.1591, 54.1960**, and **40.9870, -20.2066, 41.2304** is the 20% darker color. If you saturate the color by 10%, you get **81.9750, -32.0327, 54.3959**, and if you desaturate by 10%, it is **95.7330, -25.0114, 42.3302**.

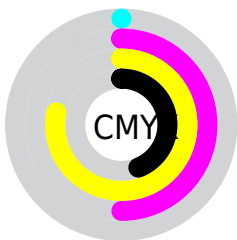
Distribution



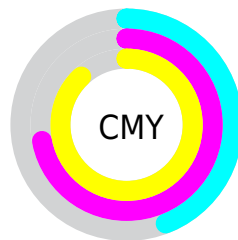
- Red (56%)
- Green (28%)
- Blue (12%)



- Red (56%)
- Yellow (37%)
- Blue (12%)



- Cyan (0%)
- Magenta (50%)
- Yellow (78%)
- Black (44%)



- Cyan (44%)
- Magenta (72%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.8540, -28.5220, 48.3630 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 88.8540, -28.5220, 48.3630 by changing the saturation by 10% instead.

88.8540, -28.5220,
48.3630

88.8540, -28.5220,
48.3630

255.0000, 0.0000,
0.0000

63.6580, -27.9324,
45.9039

141.2030,
-31.1591, 54.1960

40.9870, -20.2066,
41.2304

167.8720,
-32.4749, 56.2403

19.1140, -9.4232,
35.8570

193.5620,
-32.3221, 53.8811

11.1770, -5.0173,
22.6468

212.3750,
-28.7789, 37.3821

0.0000, 0.0000,
0.0000

232.4760,
-25.3777, 19.7535

249.7560,

-20.0927, 4.5990

253.0620, -7.4256,
1.6996

88.8540, -28.5220,
48.3630

88.8540, -28.5220,
48.3630

81.9750, -32.0327,
54.3959

95.7330, -25.0114,
42.3302

74.9820, -35.9801,
60.5288

102.7260,
-21.0639, 36.1973

73.5800, -36.2749,
61.7583

110.1920,
-17.8427, 29.6496

117.1850,
-13.8952, 23.5168

124.0640,
-10.3846, 17.4839

■ 130.9430, -6.8739,
11.4510

■ 137.9360, -2.9264,
5.3181

■ 144.8150, 0.5842,
-0.7148

■ 152.3950, 4.2423,
-7.3624

Harmonies

Analogous

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



88.5840, -12.1199, 60.8778



88.8540, -28.5220, 48.3630



86.5080, -40.6764, 26.7415

Triad

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



88.8540, -28.5220, 48.3630



73.3310, 4.2738, -64.3113



90.9730, 34.5233, -13.1313

Complementary

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



88.8540, -28.5220, 48.3630



86.1460, 28.5220, -48.3630

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.



77.1510, 44.2956, -67.6614



88.8540, -28.5220, 48.3630



77.7770, 21.3089, -68.2104

Square

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



88.8540, -28.5220, 48.3630



76.0230, -15.2943, -41.2392



79.5500, 35.7178, -69.7653



94.1050, 21.1472, 30.6029

Rectangle

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



88.8540, -28.5220, 48.3630



84.3270, -39.6012, 8.4832



79.5500, 35.7178, -69.7653



85.0950, 39.3932, -35.1633

Sweetspot

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



88.8540, -28.5220, 48.3630



164.4340, -11.5530, 18.9134



73.1090, 15.2293, 62.1714



80.9430, -6.8739, 11.4510



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



88.8540, -28.5220, 48.3630



100.8930, -44.3172, 74.6388



121.1390, -44.4385, 20.0491



67.8540, -1.9000, 2.7590



69.1280, -34.0801, 57.7697



4.1530, -2.0474, 3.3738

Inverse Universe

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



86.1460, 28.5220, -48.3630



96.6940, 44.0279, -75.1536



53.8610, 44.4385, -20.0491



67.7330, 1.6106, -3.2738



65.8720, 34.0801, -57.7697



3.8470, 2.0474, -3.3738

Previews

White Background



This preview shows how the YUV color 88.8540, -28.5220, 48.3630 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 88.8540, -28.5220, 48.3630 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 88.8540, -28.5220, 48.3630

Background



This preview shows how black text looks on a background with the YUV color 88.8540, -28.5220, 48.3630.



This preview shows how white text looks on a background with the YUV color 88.8540, -28.5220,

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

88.8540, -28.5220, 48.3630

Protanopia

89.6060, -25.9348, 11.7465

Deuteranopia

89.3040, -31.2089, 23.4124



Tritanopia

91.7780, -9.7506, 47.5527

Trichromacy



Original Color

88.8540, -28.5220, 48.3630

Protanomaly

89.1670, -26.7043, 25.2865

Deuteranomaly

89.0000, -30.0730, 32.4490

Tritanomaly

90.3560, -16.4445, 47.9228

Monochromacy



Original Color

88.8540, -28.5220, 48.3630

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0640, -10.3846, 17.4839

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.8540, -28.5220, 48.3630 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(144, 72, 31)` looks like.

```
.text, #text, p{  
    color:rgb(144, 72, 31)  
}
```

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(144, 72, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 72, 31) }
```

Border

The CSS property to change the border of an element to YUV 88.8540, -28.5220, 48.3630 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(144, 72, 31) }
```


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

```
.border{ border-color:rgb(144, 72, 31) }
```

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

Here you see how a box with a 4 pixel rgb(144, 72, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 72, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 72, 31);  
box-shadow:4px 4px 4px 4px rgb(144, 72,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 88.8540, -28.5220, 48.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 72, 31) }
```

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

```
.background{ background-color: rgb(144, 72,  
31) }
```

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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