

Converting Colors

YUV(26.8390, -12.2456,
54.5152)

Have a look what the booklet for
YUV(26.8390, -12.2456, 54.5152)
contains.

YUV(26.8390, -12.2456, 54.5152)	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(26.8390, -12.2456,
54.5152)**

Conversions

Conversions Part 1

Format	Color
Hex	590002
RGB	89, 0, 2
RGB Percent	35%, 0%, 1%
CMY	0.6510, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.98, 0.65
HSL	359°, 100%, 17%
HSV	359°, 100%, 35%
XYZ	4.1308, 2.1282, 0.2505
YIQ	26.8390, 52.4020, 19.4900

Conversions

Conversions Part 2

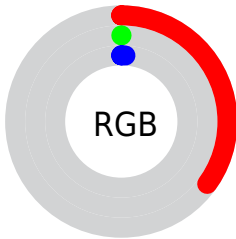
Format	Color
R_{YB}	89, 0, 2
Decimal	5832706
CIE Lab	16.15, 37.23, 24.26
CIE LCh	16, 44.435, 33.083
Yxy	2.1282, 0.6346, 0.3269
Android (android.graphics.Color)	4284022786 (0xFF590002)
YUV	26.8390, -12.2456, 54.5152
Hunter-Lab	14.5885, 25.0132, 9.1938

Details

The YUV color **26.8390, -12.2456, 54.5152** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **62.1610, 12.2456, -54.5152**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.6990, -16.6136, 55.5150**, and **10.2800, -4.5750, 20.8024** is the 20% darker color. If you saturate the color by 10%, you get **26.8390, -12.2456, 54.5152**, and if you desaturate by 10%, it is **33.1480, -10.9190, 48.9822**.

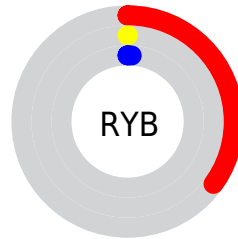
Distribution



Red (35%)

Green (0%)

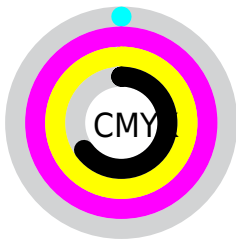
Blue (1%)



Red (35%)

Yellow (0%)

Blue (1%)

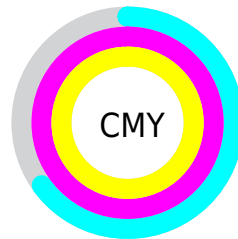


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (65%)



Cyan (65%)


Magenta (100%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YUV color 26.8390, -12.2456, 54.5152 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 26.8390, -12.2456, 54.5152 by changing the saturation by 10% instead.


 26.8390, -12.2456,
54.5152


 26.8390, -12.2456,
54.5152


 245.3510, -9.0470,
8.4622


 18.2390, -8.9918,
37.5014


 81.6990, -16.6136,
55.5150


 10.2800, -4.5750,
20.8024

 107.6670,
-18.0768, 58.1740

 0.0000, 0.0000,
0.0000


 134.6350,
-19.5401, 60.8331


 161.6030,
-21.0033, 63.4922


 186.6950,
-20.5556, 59.9035


 205.6220,


-16.5756, 43.3045


 225.1360,
-12.8850, 26.1907


 26.8390, -12.2456,
54.5152

 33.1480, -10.9190,
48.9822

 39.3430, -10.0291,
43.5492

 45.6520, -8.7024,
38.0162

 51.9610, -7.3758,
32.4832

 58.1560, -6.4859,
27.0502

■ 63.8780, -4.8699,
22.0320

■ 70.1870, -3.5432,
16.4990

■ 76.4960, -2.2165,
10.9660

■ 82.6910, -1.3267,
5.5330

Harmonies

Analogous

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



31.8400, 3.0369, 52.7603



26.8390, -12.2456, 54.5152



37.0890, -18.2849, 31.4939

Triad

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



26.8390, -12.2456, 54.5152



30.6210, -12.1382, -26.8546



37.6840, 32.6938, -33.0489

Complementary

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



26.8390, -12.2456, 54.5152



62.1610, 12.2456, -54.5152

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.



40.9950, 27.6105, -35.9526



26.8390, -12.2456, 54.5152



36.0130, 3.4446, -31.5834

Square

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



26.8390, -12.2456, 54.5152



31.4760, -15.5177, -16.2035



39.5470, 16.9853, -34.6827



39.1010, 27.0652, -0.9656

Rectangle

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



26.8390, -12.2456, 54.5152



38.1750, -18.8203, 16.5095



39.5470, 16.9853, -34.6827



39.4450, 31.8256, -34.5933

Sweetspot

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



26.8390, -12.2456, 54.5152



90.5790, -4.7224, 21.4172



35.8600, 26.1980, 43.9728



44.2790, -3.0955, 12.9103



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



26.8390, -12.2456, 54.5152



34.7270, -15.6414, 70.3994



51.2650, -25.2736, 33.0936



40.1960, -0.5896, 2.4591



32.2210, -14.8990, 65.5812



70.8350, -32.4567, 143.9727

Inverse Universe

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



26.8390, -12.2456, 54.5152



34.7270, -15.6414, 70.3994



37.7350, 25.2736, -33.0936



40.1960, -0.5896, 2.4591



32.2210, -14.8990, 65.5812



70.8350, -32.4567, 143.9727

Previews

White Background



This preview shows how the YUV color 26.8390, -12.2456, 54.5152 looks on a white background.

Color Contrast Check

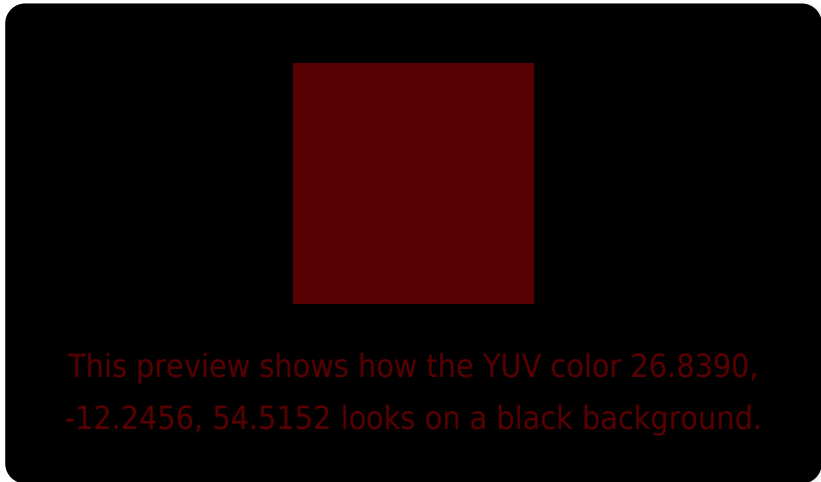
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

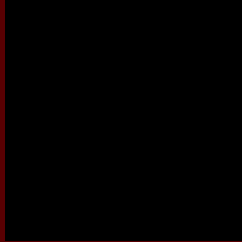
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.8390, -12.2456, 54.5152

Background



This preview shows how black text looks on a background with the YUV color 26.8390, -12.2456, 54.5152.

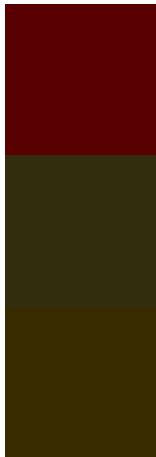


This preview shows how white text looks on a background with the YUV color 26.8390, -12.2456,

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

26.8390, -12.2456, 54.5152

Protanopia

42.7330, -15.1514, 6.3732

Deuteranopia

42.2840, -20.8460, 12.9059



Tritanopia

31.0080, -15.2869, 49.9820

Trichromacy



Original Color

26.8390, -12.2456, 54.5152

Protanomaly

37.0710, -14.3320, 23.6167

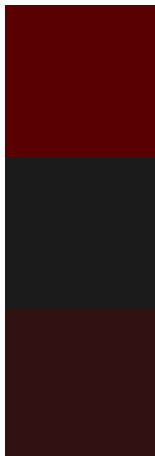
Deuteranomaly

36.5940, -17.5478, 28.4201

Tritanomaly

29.3610, -13.9820, 51.4264

Monochromacy



Original Color

26.8390, -12.2456, 54.5152

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.9810, -4.4276, 20.1877

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.8390, -12.2456, 54.5152 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(89, 0, 2)` looks like.

```
.text, #text, p{  
    color:rgb(89, 0, 2)  
}
```

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(89, 0, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 0, 2) }
```

Border

The CSS property to change the border of an element to YUV 26.8390, -12.2456, 54.5152 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(89, 0, 2) }
```


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

```
.border{ border-color:rgb(89, 0, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 0, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 0, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(89, 0, 2); box-shadow:4px  
4px 4px 4px rgb(89, 0, 2) }
```

Background

The CSS property to change the background color of an element to YUV 26.8390, -12.2456, 54.5152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 0, 2) }
```

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

```
.background{ background-color: rgb(89, 0,  
2) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor