

Converting Colors

YUV(89.0260, -33.0438, 5.2392)

Have a look what the booklet for
YUV(89.0260, -33.0438, 5.2392)
contains.

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Color

**YUV(89.0260, -33.0438,
5.2392)**

Conversions

Conversions Part 1

Format	Color
Hex	5F6316
RGB	95, 99, 22
RGB Percent	37%, 39%, 9%
CMY	0.6275, 0.6118, 0.9137
CMYK	0.04, 0.00, 0.78, 0.61
HSL	63°, 64%, 24%
HSV	63°, 78%, 39%
XYZ	9.3260, 11.4145, 2.4707
YIQ	89.0260, 22.3330, -24.7950

Conversions

Conversions Part 2

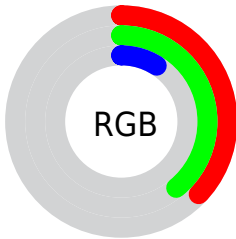
Format	Color
R_{YB}	22, 99, 26
Decimal	6251286
CIE _{Lab}	40.27, -11.93, 40.40
CIE _{LCh}	40, 42.119, 106.450
Yxy	11.4145, 0.4018, 0.4918
Android (android.graphics.Color)	4284441366 (0xFF5F6316)
YUV	89.0260, -33.0438, 5.2392
Hunter-Lab	33.7854, -9.8520, 19.3138

Details

The YUV color **89.0260, -33.0438, 5.2392** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **31.9740, 33.0438, -5.2392**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.5100, -33.7754, 6.5687**, and **44.8650, -22.1184, 0.9954** is the 20% darker color. If you saturate the color by 10%, you get **87.5870, -37.2644, 5.6242**, and if you desaturate by 10%, it is **90.4650, -28.8232, 4.8542**.

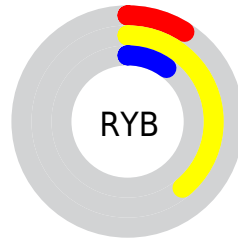
Distribution



 Red (37%)

 Green (39%)

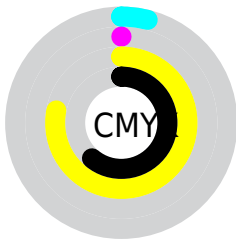
 Blue (9%)




 Red (9%)

 Yellow (39%)

 Blue (10%)

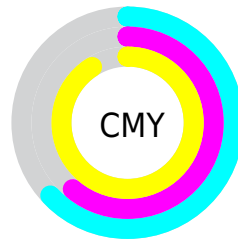



 Cyan (4%)


 Magenta (0%)

 Yellow (78%)

 Black (61%)



 Cyan (63%)

 Magenta (61%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.0260, -33.0438, 5.2392 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 89.0260, -33.0438, 5.2392 by changing the saturation by 10% instead.

89.0260, -33.0438,
5.2392

89.0260, -33.0438,
5.2392

255.0000, 0.0000,
0.0000

64.9550, -32.0228,
4.4245

140.5100,
-33.7754, 6.5687

44.8650, -22.1184,
0.9954

166.6950,
-34.3596, 7.2835

25.0630, -12.3561,
-3.5633

194.3530,
-35.6700, 7.5834

1.1740, -0.5788,
-1.0296

222.5380,
-36.2542, 8.2982

0.0000, 0.0000,
0.0000

245.9940,
-34.5070, 7.8983

249.1860,

-22.2767, 5.0989

■ 252.3780,
-10.0464, 2.2995

■ 89.0260, -33.0438,
5.2392

■ 89.0260, -33.0438,
5.2392

■ 87.5870, -37.2644,
5.6242

■ 90.4650, -28.8232,
4.8542

■ 86.4470, -41.6324,
6.6240

■ 91.6050, -24.4553,
3.8544

■ 86.2190, -42.5060,
6.8239

■ 93.0440, -20.2347,
3.4694

■ 94.1840, -15.8667,
2.4696

■ 95.6230, -11.6461,
2.0846

■ 96.6490, -7.7150,
1.1848

■ 98.0880, -3.4944,
0.7998

■ 99.2280, 0.8736,
-0.2000

■ 100.6670, 5.0942,
-0.5850

Harmonies

Analogous

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



92.0660, -33.5565, 29.7601



89.0260, -33.0438, 5.2392



84.3840, -19.4163, -25.7698

Triad

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



89.0260, -33.0438, 5.2392



80.3990, 31.3553, -70.5099



95.7730, 7.9999, 47.5571

Complementary

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



89.0260, -33.0438, 5.2392



31.9740, 33.0438, -5.2392

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.



98.2670, 22.0534, 19.9368



89.0260, -33.0438, 5.2392



78.9290, 40.9540, -69.2207

Square

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



89.0260, -33.0438, 5.2392



78.6260, 16.9464, -68.9550



92.0920, 33.9716, -22.8827



93.5880, -8.1779, 56.4893

Rectangle

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



89.0260, -33.0438, 5.2392



72.0940, -3.0043, -63.2264



92.0920, 33.9716, -22.8827



96.9830, 12.8264, 39.4799

Sweetspot

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



89.0260, -33.0438, 5.2392



123.9820, -12.8091, 1.7698



47.3710, -12.5079, 45.2786



61.6490, -7.7150, 1.1848



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



89.0260, -33.0438, 5.2392



112.3410, -50.9471, 7.5939



77.6640, -27.4424, -18.1223



47.5440, -1.7472, 0.3999



97.4380, -48.0369, 7.5089



208.7530, -102.9152, 16.0026

Inverse Universe

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



31.9740, 33.0438, -5.2392



24.3600, 51.0945, -8.2087



43.3360, 27.4424, 18.1223



44.4560, 1.7472, -0.3999



14.5620, 48.0369, -7.5089



30.9480, 103.0626, -16.6174

Previews

White Background



This preview shows how the YUV color 89.0260, -33.0438, 5.2392 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 89.0260, -33.0438, 5.2392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

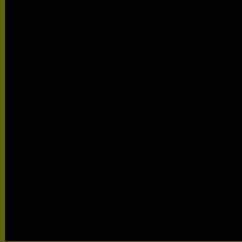
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.0260, -33.0438, 5.2392

Background



This preview shows how black text looks on a background with the YUV color 89.0260, -33.0438, 5.2392.



This preview shows how white text looks on a background with the YUV color 89.0260, -33.0438,

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

89.0260, -33.0438, 5.2392

Protanopia

90.1520, -34.0919, 14.7757

Deuteranopia

91.3750, -32.2299, 24.2271



Tritanopia

95.7880, 1.5835, 5.4479

Trichromacy



Original Color

89.0260, -33.0438, 5.2392

Protanomaly

89.5430, -33.7917, 11.8018

Deuteranomaly

90.3310, -32.2082, 17.2497

Tritanomaly

93.4600, -11.0728, 4.8586

Monochromacy



Original Color

89.0260, -33.0438, 5.2392

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.2100, -11.9355, 1.5698

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.0260, -33.0438, 5.2392 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(95, 99, 22)` looks like.

```
.text, #text, p{  
    color:rgb(95, 99, 22)  
}
```

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(95, 99, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 99, 22) }
```

Border

The CSS property to change the border of an element to YUV 89.0260, -33.0438, 5.2392 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(95, 99, 22) }
```


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

```
.border{ border-color:rgb(95, 99, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 99, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 99, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 99, 22);  
box-shadow:4px 4px 4px 4px rgb(95, 99, 22)  
}
```

Background

The CSS property to change the background color of an element to YUV 89.0260, -33.0438, 5.2392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 99, 22) }
```

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

```
.background{ background-color: rgb(95, 99,  
22) }
```

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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