

Converting Colors

YUV(89.2620, 32.9018, -6.3688)

Have a look what the booklet for
YUV(89.2620, 32.9018, -6.3688)
contains.

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Color

**YUV(89.2620, 32.9018,
-6.3688)**

Conversions

Conversions Part 1

Format	Color
Hex	52509C
RGB	82, 80, 156
RGB Percent	32%, 31%, 61%
CMY	0.6784, 0.6863, 0.3882
CMYK	0.47, 0.49, 0.00, 0.39
HSL	242°, 32%, 46%
HSV	242°, 49%, 61%
XYZ	12.3491, 9.9315, 32.7186
YIQ	89.2620, -23.2040, 24.0600

Conversions

Conversions Part 2

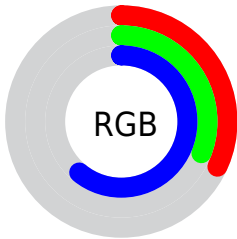
Format	Color
R_{YB}	82, 80, 156
Decimal	5394588
CIE _{Lab}	37.72, 21.69, -41.34
CIE _{LCh}	38, 46.687, 297.689
Yxy	9.9315, 0.2245, 0.1806
Android (android.graphics.Color)	4283584668 (0xFF52509C)
YUV	89.2620, 32.9018, -6.3688
Hunter-Lab	31.5142, 14.7967, -39.4959

Details

The YUV color **89.2620, 32.9018, -6.3688** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **146.7380, -32.9018, 6.3688**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.4410, 34.7856, -3.8948**, and **40.7620, 31.1763, -12.9463** is the 20% darker color. If you saturate the color by 10%, you get **75.3850, 39.7432, -7.3536**, and if you desaturate by 10%, it is **103.1390, 26.0605, -5.3839**.

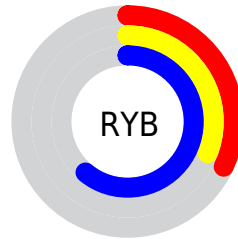
Distribution



Red (32%)

Green (31%)

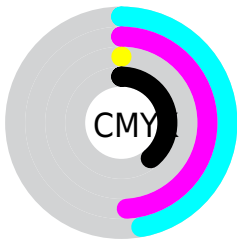
Blue (61%)



Red (32%)

Yellow (31%)

Blue (61%)

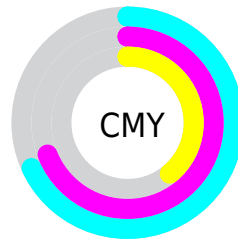


Cyan (47%)

Magenta (49%)

Yellow (0%)

Black (39%)



Cyan (68%)

Magenta (69%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.2620, 32.9018, -6.3688 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 89.2620, 32.9018, -6.3688 by changing the saturation by 10% instead.

■ 89.2620, 32.9018,
-6.3688

■ 89.2620, 32.9018,
-6.3688

■ 255.0000, 0.0000,
0.0000

■ 64.7240, 32.1811,
-8.5279

■ 140.4410, 34.7856,
-3.8948

■ 40.7620, 31.1763,
-12.9463

■ 167.0820, 35.9486,
-3.5799

■ 18.3980, 29.8768,
-16.1350

■ 193.0130, 30.5596,
-1.7654

■ 6.3840, 24.4607,
-5.5988

■ 218.1200, 18.1818,
1.6488

■ 5.0500, 14.2723,
-4.4289

■ 243.2270, 5.8041,
5.0629

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,

0.0000

■ 89.2620, 32.9018,
-6.3688

■ 89.2620, 32.9018,
-6.3688

■ 75.3850, 39.7432,
-7.3536

■ 103.1390, 26.0605,
-5.3839

■ 62.0950, 46.2952,
-8.8533

■ 116.4290, 19.5085,
-3.8842

■ 47.9190, 53.2839,
-10.4530

■ 130.6050, 12.5197,
-2.2846

■ 34.6290, 59.8359,
-11.9526

■ 143.8950, 5.9678,
-0.7849

■ 20.7520, 66.6773,
-12.9375

■ 157.7720, -0.8736,
0.2000

■ 18.9800, 67.5509,
-13.1375

■ 171.6490, -7.7150,
1.1848

■ 184.9390,
-14.2669, 2.6845

■ 199.1150,
-21.2557, 4.2841

■ 212.4050,
-27.8077, 5.7838

Harmonies

Analogous

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



73.8740, 44.4321, -64.7875



89.2620, 32.9018, -6.3688



90.3830, 19.5312, 35.6211

Triad

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



89.2620, 32.9018, -6.3688



85.5610, -30.8426, 45.9890



71.9120, 6.4524, -63.0668

Complementary

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



89.2620, 32.9018, -6.3688



146.7380, -32.9018, 6.3688

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.



66.6020, -10.1568, -55.7790



89.2620, 32.9018, -6.3688



83.0730, -40.9550, 22.7380

Square

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



89.2620, 32.9018, -6.3688



84.7150, -14.1565, 60.7629



79.9060, -34.4637, -6.0566



76.2440, 23.0507, -66.8660

Rectangle

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



89.2620, 32.9018, -6.3688



87.7460, 8.9992, 53.7198



79.9060, -34.4637, -6.0566



69.7290, 0.6266, -61.1523

Sweetspot

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



89.2620, 32.9018, -6.3688



176.8330, 13.3933, -2.4845



132.6890, 11.4923, -46.2083



86.0520, 7.8624, -1.7996



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



89.2620, 32.9018, -6.3688



100.3490, 51.0999, -9.9531



100.3250, 27.4478, 16.3780



71.9120, 3.4944, -0.7998



17.4980, 61.8725, -11.8377



1.7100, 6.5520, -1.4997

Inverse Universe

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



111.1600, 21.1201, 39.3247



134.3920, 32.8377, 61.0462



135.6750, -27.4478, -16.3780



74.3040, 2.3151, 4.1184



58.6030, 39.6357, 74.0162



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 89.2620, 32.9018, -6.3688 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



This preview shows how the YUV color 89.2620, 32.9018, -6.3688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

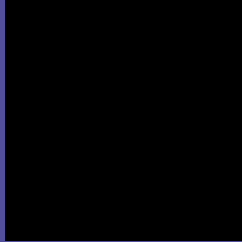
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.2620, 32.9018, -6.3688

Background



This preview shows how black text looks on a background with the YUV color 89.2620, 32.9018, -6.3688.



This preview shows how white text looks on a background with the YUV color 89.2620, 32.9018,

-6.3688.

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

89.2620, 32.9018, -6.3688

Protanopia

84.1990, 38.3559, -29.1155

Deuteranopia

81.4490, 35.7676, -38.9818



Tritanopia

85.8390, 7.4744, -17.3988

Trichromacy



Original Color

89.2620, 32.9018, -6.3688

Protanomaly

86.0860, 36.4396, -21.1234

Deuteranomaly

83.9990, 35.0035, -27.1861

Tritanomaly

86.9780, 16.7728, -13.1357

Monochromacy



Original Color

89.2620, 32.9018, -6.3688

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0780, 11.7935, -2.6994

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.2620, 32.9018, -6.3688 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(82, 80, 156)` looks like.

```
.text, #text, p{  
    color:rgb(82, 80, 156)  
}
```

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(82, 80, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 80, 156) }
```

Border

The CSS property to change the border of an element to YUV 89.2620, 32.9018, -6.3688 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(82, 80, 156) }
```


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

```
.border{ border-color:rgb(82, 80, 156) }
```

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

Here you see how a box with a 4 pixel rgb(82, 80, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 80, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 80, 156);  
box-shadow:4px 4px 4px 4px rgb(82, 80,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 89.2620, 32.9018, -6.3688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 80, 156) }
```

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

```
.background{ background-color: rgb(82, 80,  
156) }
```

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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