

Converting Colors

YUV(89.6920, -26.4702, -3.2379)

Have a look what the booklet for
YUV(89.6920, -26.4702, -3.2379)
contains.

YUV(89.6920, -26.4702, -3.2379)	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(89.6920, -26.4702,
-3.2379)**

Conversions

Conversions Part 1

Format	Color
Hex	566624
RGB	86, 102, 36
RGB Percent	34%, 40%, 14%
CMY	0.6627, 0.6000, 0.8588
CMYK	0.16, 0.00, 0.65, 0.60
HSL	75°, 48%, 27%
HSV	75°, 65%, 40%
XYZ	8.9076, 11.6086, 3.4403
YIQ	89.6920, 11.6500, -23.9180

Conversions

Conversions Part 2

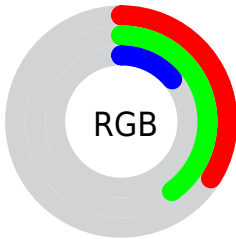
Format	Color
R_{YB}	36, 102, 52
Decimal	5662244
CIE _{Lab}	40.59, -16.80, 34.34
CIE _{LCh}	41, 38.224, 116.066
Yxy	11.6086, 0.3718, 0.4846
Android (android.graphics.Color)	4283852324 (0xFF566624)
YUV	89.6920, -26.4702, -3.2379
Hunter-Lab	34.0713, -12.9580, 17.8633

Details

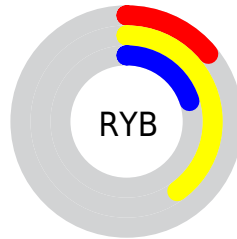
The YUV color **89.6920, -26.4702, -3.2379** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **48.3080, 26.4702, 3.2379**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.6490, -27.9280, -2.3232**, and **43.9460, -21.6654, -4.3376** is the 20% darker color. If you saturate the color by 10%, you get **87.9540, -30.5433, -3.4677**, and if you desaturate by 10%, it is **91.4300, -22.3970, -3.0081**.

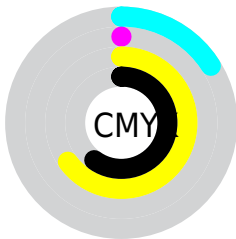
Distribution



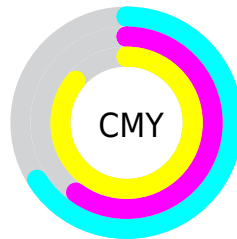
- Red (34%)
- Green (40%)
- Blue (14%)



- Red (14%)
- Yellow (40%)
- Blue (20%)



- Cyan (16%)
- Magenta (0%)
- Yellow (65%)
- Black (60%)



- Cyan (66%)
- Magenta (60%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.6920, -26.4702, -3.2379 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 89.6920, -26.4702, -3.2379 by changing the saturation by 10% instead.

■ 89.6920, -26.4702,
-3.2379

■ 89.6920, -26.4702,
-3.2379

255.0000, 0.0000,
0.0000

■ 65.2790, -26.7595,
-3.7527

■ 140.6490,
-27.9280, -2.3232

■ 43.9460, -21.6654,
-4.3376

■ 167.1220,
-28.6541, -2.7380

■ 24.1440, -11.9030,
-8.8963

■ 194.3070,
-29.2384, -2.0232

■ 2.3480, -1.1576,
-2.0592

■ 222.6660,
-30.4013, -2.3381

■ 0.0000, 0.0000,
0.0000

■ 245.6820,
-27.9442, 2.9099

■ 250.6680,

-16.5983, 3.7992

253.8600, -4.3680,
0.9998

89.6920, -26.4702,
-3.2379

89.6920, -26.4702,
-3.2379

87.9540, -30.5433,
-3.4677

91.4300, -22.3970,
-3.0081

85.9170, -34.4691,
-4.3122

93.4670, -18.4712,
-2.1636

84.0650, -38.9790,
-4.4420

95.3190, -13.9613,
-2.0338

82.8970, -40.8682,
-5.1717

97.3560, -10.0355,
-1.1892

99.0940, -5.9623,
-0.9594

■ 101.1310, -2.0366,
-0.1149

■ 102.8690, 2.0366,
0.1149

■ 105.0200, 6.3991,
0.8595

■ 106.7580, 10.4723,
1.0892

Harmonies

Analogous

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



92.9940, -31.0560, 21.0533



89.6920, -26.4702, -3.2379



83.8760, -12.2639, -33.2173

Triad

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



89.6920, -26.4702, -3.2379



80.1540, 32.9551, -70.2951



96.2800, 2.3270, 47.1124

Complementary

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



89.6920, -26.4702, -3.2379



48.3080, 26.4702, 3.2379

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.



98.4160, 16.0639, 27.6992



89.6920, -26.4702, -3.2379



76.7120, 40.0750, -67.2764

Square

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



89.6920, -26.4702, -3.2379



79.0650, 21.1670, -69.3400



96.4810, 27.3709, -5.6838



94.8170, -12.2348, 51.0265

Rectangle

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



89.6920, -26.4702, -3.2379



73.6900, 3.1108, -64.6261



96.4810, 27.3709, -5.6838



97.5120, 7.1426, 42.5240

Sweetspot

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



89.6920, -26.4702, -3.2379



127.9430, -10.3249, -1.7040



64.5390, -14.0697, 32.8533



63.3930, -6.1097, -0.3447



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



89.6920, -26.4702, -3.2379



113.6690, -41.7418, -4.9717



80.1240, -21.7531, -22.9107



50.1310, -2.0366, -0.1149



93.5180, -46.1044, -5.7163



197.0700, -97.1555, -11.4624

Inverse Universe

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



48.3080, 26.4702, 3.2379



48.3310, 41.7418, 4.9717



57.8760, 21.7531, 22.9107



46.8690, 2.0366, 0.1149



21.4820, 46.1044, 5.7163



45.2290, 97.0081, 12.0772

Previews

White Background



This preview shows how the YUV color 89.6920, -26.4702, -3.2379 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 89.6920, -26.4702, -3.2379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

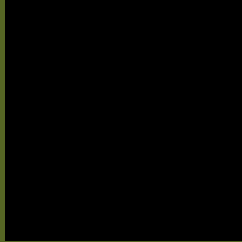
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.6920, -26.4702, -3.2379

Background



This preview shows how black text looks on a background with the YUV color 89.6920, -26.4702, -3.2379.



This preview shows how white text looks on a background with the YUV color 89.6920, -26.4702, -3.2379.

-3.2379.

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

89.6920, -26.4702, -3.2379

Protanopia

92.2210, -28.7030, 12.9612

Deuteranopia

93.5580, -26.4041, 22.3126



Tritanopia

95.3140, 3.7892, -2.0294

Trichromacy



Original Color

89.6920, -26.4702, -3.2379

Protanomaly

91.1170, -27.6657, 6.9134

Deuteranomaly

92.2040, -26.2296, 12.9761

Tritanomaly

93.4420, -7.1199, -3.0186

Monochromacy



Original Color

89.6920, -26.4702, -3.2379

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.7690, -9.7461, -0.6744

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.6920, -26.4702, -3.2379 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(86, 102, 36)` looks like.

```
.text, #text, p{  
    color:rgb(86, 102, 36)  
}
```

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(86, 102, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 102, 36) }
```

Border

The CSS property to change the border of an element to YUV 89.6920, -26.4702, -3.2379 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(86, 102, 36) }
```


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

```
.border{ border-color:rgb(86, 102, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 102, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 102, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 102, 36);  
box-shadow:4px 4px 4px 4px rgb(86, 102,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 89.6920, -26.4702, -3.2379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 102, 36) }
```

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

```
.background{ background-color: rgb(86, 102,  
36) }
```

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