

Converting Colors

YUV(86.6550, -30.3959, -4.0824)

Have a look what the booklet for
YUV(86.6550, -30.3959, -4.0824)
contains.

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Color

**YUV(86.6550, -30.3959,
-4.0824)**

Conversions

Conversions Part 1

Format	Color
Hex	526519
RGB	82, 101, 25
RGB Percent	32%, 40%, 10%
CMY	0.6784, 0.6039, 0.9020
CMYK	0.19, 0.00, 0.75, 0.60
HSL	75°, 60%, 25%
HSV	75°, 75%, 40%
XYZ	8.3088, 11.1714, 2.6381
YIQ	86.6550, 13.0720, -27.6640

Conversions

Conversions Part 2

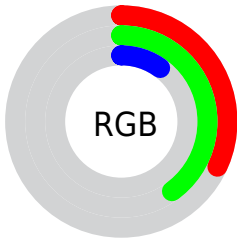
Format	Color
R_{YB}	25, 101, 44
Decimal	5399833
CIE _{Lab}	39.87, -18.90, 38.45
CIE _{LCh}	40, 42.846, 116.178
Yxy	11.1714, 0.3757, 0.5051
Android (android.graphics.Color)	4283589913 (0xFF526519)
YUV	86.6550, -30.3959, -4.0824
Hunter-Lab	33.4236, -14.1178, 18.7169

Details

The YUV color **86.6550, -30.3959, -4.0824** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **39.3450, 30.3959, 4.0824**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.7260, -31.4169, -3.2677**, and **41.8640, -20.6390, -6.8967** is the 20% darker color. If you saturate the color by 10%, you get **84.6180, -34.3217, -4.9270**, and if you desaturate by 10%, it is **88.6920, -26.4702, -3.2379**.

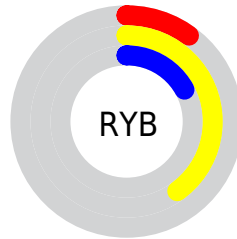
Distribution



Red (32%)

Green (40%)

Blue (10%)



Red (10%)

Yellow (40%)

Blue (17%)

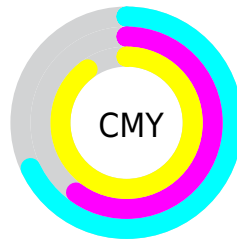


Cyan (19%)

Magenta (0%)

Yellow (75%)

Black (60%)



Cyan (68%)

Magenta (60%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.6550, -30.3959, -4.0824 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 86.6550, -30.3959, -4.0824 by changing the saturation by 10% instead.

86.6550, -30.3959,
-4.0824

86.6550, -30.3959,
-4.0824

255.0000, 0.0000,
0.0000

62.2420, -30.6853,
-4.5972

137.7260,
-31.4169, -3.2677

41.8640, -20.6390,
-6.8967

164.4980,
-32.2905, -3.0677

20.8660, -10.2869,
-13.9145

191.3840,
-32.7273, -2.9678

0.0000, 0.0000,
0.0000

219.4550,
-33.7483, -2.1530

243.2320,
-32.1594, 1.5505

249.4140,

-21.4031, 4.8989

252.7200, -8.7360,
1.9996

86.6550, -30.3959,
-4.0824

86.6550, -30.3959,
-4.0824

84.6180, -34.3217,
-4.9270

88.6920, -26.4702,
-3.2379

82.8800, -38.3948,
-5.1568

90.4300, -22.3970,
-3.0081

82.0110, -40.4314,
-5.2716

92.4670, -18.4712,
-2.1636

94.2050, -14.3981,
-1.9338

96.3560, -10.0355,
-1.1892

■ 98.0940, -5.9623,
-0.9594

■ 100.1310, -2.0366,
-0.1149

■ 101.8690, 2.0366,
0.1149

■ 103.9060, 5.9623,
0.9594

Harmonies

Analogous

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



90.0390, -36.0082, 22.7678



86.6550, -30.3959, -4.0824



78.7180, -12.6790, -40.0947

Triad

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



86.6550, -30.3959, -4.0824



80.1370, 35.4285, -70.2801



93.2530, 3.3263, 53.2751

Complementary

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



86.6550, -30.3959, -4.0824



39.3450, 30.3959, 4.0824

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.



96.3070, 18.0896, 31.3028



86.6550, -30.3959, -4.0824



76.8090, 42.9852, -67.3615

Square

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



86.6550, -30.3959, -4.0824



78.7060, 22.3299, -69.0252



94.6810, 30.7233, -7.6132



91.6220, -13.1246, 56.4595

Rectangle

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



86.6550, -30.3959, -4.0824



73.2340, 1.3636, -64.2262



94.6810, 30.7233, -7.6132



94.3000, 8.7261, 47.9719

Sweetspot

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



86.6550, -30.3959, -4.0824



124.4870, -12.0721, -1.3041



58.8770, -16.7014, 36.9419



62.7520, -7.2727, -0.6595



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.



86.6550, -30.3959, -4.0824



107.9910, -46.8306, -6.1311



75.2930, -24.7944, -27.4440



50.1310, -2.0366, -0.1149



93.2190, -45.9570, -6.3311



196.4720, -96.8607, -12.6919

Inverse Universe

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



39.3450, 30.3959, 4.0824



35.0090, 46.8306, 6.1311



50.7070, 24.7944, 27.4440



46.8690, 2.0366, 0.1149



21.7810, 45.9570, 6.3311



45.8270, 96.7133, 13.3067

Previews

White Background



This preview shows how the YUV color 86.6550, -30.3959, -4.0824 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 86.6550, -30.3959, -4.0824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

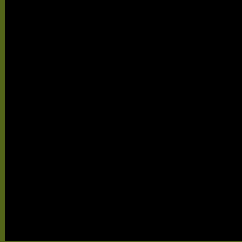
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.6550, -30.3959, -4.0824

Background



This preview shows how black text looks on a background with the YUV color 86.6550, -30.3959, -4.0824.



This preview shows how white text looks on a background with the YUV color 86.6550, -30.3959,

-4.0824.

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

86.6550, -30.3959, -4.0824

Protanopia

89.1950, -32.6341, 13.8610

Deuteranopia

90.6460, -29.8985, 23.1125



Tritanopia

93.7160, 4.0840, -3.2589

Trichromacy



Original Color

86.6550, -30.3959, -4.0824

Protanomaly

88.6780, -31.8863, 7.2984

Deuteranomaly

88.8790, -30.0133, 13.2611

Tritanomaly

91.3880, -8.5723, -3.8483

Monochromacy



Original Color

86.6550, -30.3959, -4.0824

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.7150, -11.1985, -1.5041

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.6550, -30.3959, -4.0824 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, 101, 25)` looks like.

```
.text, #text, p{  
    color:rgb(82, 101, 25)  
}
```

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, 101, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 101, 25) }
```

Border

The CSS property to change the border of an element to YUV 86.6550, -30.3959, -4.0824 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, 101, 25) }
```


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

```
.border{ border-color:rgb(82, 101, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 101, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 101, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 101, 25);  
box-shadow:4px 4px 4px 4px rgb(82, 101,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 86.6550, -30.3959, -4.0824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 101, 25) }
```

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

```
.background{ background-color: rgb(82, 101,  
25) }
```

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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