

Converting Colors

YUV(95.5510, -25.9076, 3.0248)

Have a look what the booklet for
YUV(95.5510, -25.9076, 3.0248)
contains.

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Color

**YUV(95.5510, -25.9076,
3.0248)**

Conversions

Conversions Part 1

Format	Color
Hex	63682B
RGB	99, 104, 43
RGB Percent	39%, 41%, 17%
CMY	0.6118, 0.5922, 0.8314
CMYK	0.05, 0.00, 0.59, 0.59
HSL	65°, 41%, 29%
HSV	65°, 59%, 41%
XYZ	10.5319, 12.7277, 4.1871
YIQ	95.5510, 16.6010, -20.0310

Conversions

Conversions Part 2

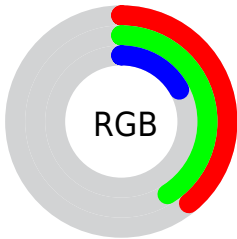
Format	Color
R_{YB}	43, 104, 48
Decimal	6514731
CIE _{Lab}	42.35, -11.35, 33.10
CIE _{LCh}	42, 34.990, 108.933
Yxy	12.7277, 0.3837, 0.4637
Android (android.graphics.Color)	4284704811 (0xFF63682B)
YUV	95.5510, -25.9076, 3.0248
Hunter-Lab	35.6759, -9.7375, 18.0146

Details

The YUV color **95.5510, -25.9076, 3.0248** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **51.4490, 25.9076, -3.0248**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5080, -27.3654, 3.9395**, and **48.4090, -23.8656, 1.3953** is the 20% darker color. If you saturate the color by 10%, you get **94.1120, -30.1282, 3.4098**, and if you desaturate by 10%, it is **96.9900, -21.6871, 2.6398**.

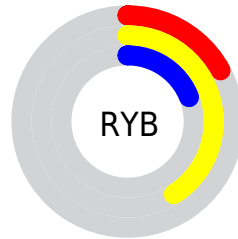
Distribution



Red (39%)

Green (41%)

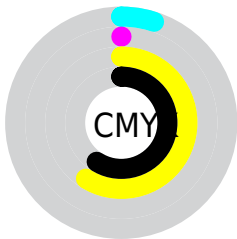
Blue (17%)



Red (17%)

Yellow (41%)

Blue (19%)

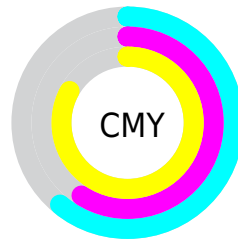


Cyan (5%)

Magenta (0%)

Yellow (59%)

Black (59%)



Cyan (61%)

Magenta (59%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.5510, -25.9076, 3.0248 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 95.5510, -25.9076, 3.0248 by changing the saturation by 10% instead.

■ 95.5510, -25.9076,
3.0248

■ 95.5510, -25.9076,
3.0248

■ 255.0000, 0.0000,
0.0000

■ 71.2520, -25.7602,
2.4100

■ 146.5080,
-27.3654, 3.9395

■ 48.4090, -23.8656,
1.3953

■ 173.5790,
-28.3864, 4.7542

■ 29.2050, -14.3981,
-1.9338

■ 200.7640,
-28.9707, 5.4690

■ 8.8050, -4.3409,
-7.7220

■ 229.2370,
-29.6968, 5.0542

■ 0.0000, 0.0000,
0.0000

■ 248.2740,
-25.7711, 5.8987

■ 251.5800,

-13.1039, 2.9993

254.7720, -0.8736,
0.2000

■ 95.5510, -25.9076,
3.0248

■ 95.5510, -25.9076,
3.0248

■ 94.1120, -30.1282,
3.4098

■ 96.9900, -21.6871,
2.6398

■ 92.5590, -34.7856,
3.8948

■ 98.5430, -17.0297,
2.1548

■ 91.1200, -39.0062,
4.2798

■ 99.9820, -12.8091,
1.7698

■ 89.8660, -43.8109,
5.3795

■ 101.2360, -8.0043,
0.6700

■ 89.4530, -44.1003,
4.8647

■ 102.6750, -3.7838,
0.2850

■ 104.1140, 0.4368,
-0.1000

■ 105.6670, 5.0942,
-0.5850

■ 107.1060, 9.3147,
-0.9700

■ 108.6590, 13.9721,
-1.4549

Harmonies

Analogous

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



98.2270, -27.7199, 24.3569



95.5510, -25.9076, 3.0248



91.2580, -14.9172, -22.1513

Triad

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



95.5510, -25.9076, 3.0248



82.0460, 30.0503, -71.9543



102.2190, 4.8220, 40.1499

Complementary

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



95.5510, -25.9076, 3.0248



51.4490, 25.9076, -3.0248

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.



103.0020, 17.2540, 19.2922



95.5510, -25.9076, 3.0248



80.0060, 37.4650, -70.1653

Square

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



95.5510, -25.9076, 3.0248



80.9570, 18.2622, -70.9993



99.7250, 27.2506, -13.7908



100.1200, -8.4402, 47.2528

Rectangle

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



95.5510, -25.9076, 3.0248



85.3890, -3.6428, -45.0682



99.7250, 27.2506, -13.7908



102.6250, 9.0589, 34.5319

Sweetspot

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



95.5510, -25.9076, 3.0248



131.6660, -10.1883, 1.1699



63.5870, -10.1494, 35.4422



66.9910, -6.4046, 0.8849



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



95.5510, -25.9076, 3.0248



121.8920, -39.8798, 4.4797



86.5810, -21.4854, -15.4185



50.4300, -2.1840, 0.4999



98.9000, -48.7577, 5.3497



208.4320, -102.7570, 11.8991

Inverse Universe

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



51.4490, 25.9076, -3.0248



53.8090, 40.0272, -5.0945



60.4190, 21.4854, 15.4185



46.5700, 2.1840, -0.4999



15.8010, 48.9051, -5.9645



33.5680, 102.7570, -11.8991

Previews

White Background



This preview shows how the YUV color 95.5510, -25.9076, 3.0248 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 95.5510, -25.9076, 3.0248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

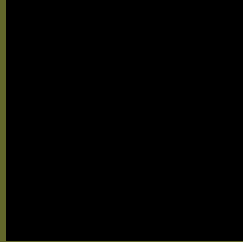
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

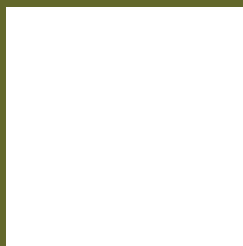
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 95.5510, -25.9076, 3.0248

Background



This preview shows how black text looks on a background with the YUV color 95.5510, -25.9076, 3.0248.



This preview shows how white text looks on a background with the YUV color 95.5510, -25.9076,

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

95.5510, -25.9076, 3.0248

Protanopia

96.6770, -26.9558, 12.5613

Deuteranopia

98.0850, -25.6779, 22.7275



Tritanopia

100.8910, 2.0257, 3.6036

Trichromacy



Original Color

95.5510, -25.9076, 3.0248

Protanomaly

96.0680, -26.6555, 9.5874

Deuteranomaly

97.0410, -25.6562, 15.7500

Tritanomaly

98.8450, -8.3046, 3.6439

Monochromacy



Original Color

95.5510, -25.9076, 3.0248

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8940, -9.3147, 0.9700

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.5510, -25.9076, 3.0248 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(99, 104, 43)` looks like.

```
.text, #text, p{  
    color:rgb(99, 104, 43)  
}
```

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(99, 104, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 104, 43) }
```

Border

The CSS property to change the border of an element to YUV 95.5510, -25.9076, 3.0248 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(99, 104, 43) }
```


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

```
.border{ border-color:rgb(99, 104, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 104, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 104, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 104, 43);  
box-shadow:4px 4px 4px 4px rgb(99, 104,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 95.5510, -25.9076, 3.0248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 104, 43) }
```

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

```
.background{ background-color: rgb(99, 104,  
43) }
```

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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