

Converting Colors

YUV(61.5550, -8.6546, -24.1657)

Have a look what the booklet for
YUV(61.5550, -8.6546, -24.1657)
contains.

YUV(61.5550, -8.6546, -24.1657)	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(61.5550, -8.6546,
-24.1657)**

Conversions

Conversions Part 1

Format	Color
Hex	224F2C
RGB	34, 79, 44
RGB Percent	13%, 31%, 17%
CMY	0.8667, 0.6902, 0.8275
CMYK	0.57, 0.00, 0.44, 0.69
HSL	133°, 40%, 22%
HSV	133°, 57%, 31%
XYZ	3.9103, 6.1139, 3.3569
YIQ	61.5550, -15.5850, -20.4250

Conversions

Conversions Part 2

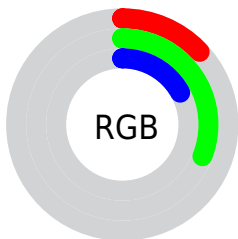
Format	Color
R_YB	34, 71, 79
Decimal	2248492
CIE Lab	29.70, -24.37, 16.08
CIE LCh	30, 29.192, 146.583
Yxy	6.1139, 0.2922, 0.4569
Android (android.graphics.Color)	4280438572 (0xFF224F2C)
YUV	61.5550, -8.6546, -24.1657
Hunter-Lab	24.7263, -15.0425, 9.2591

Details

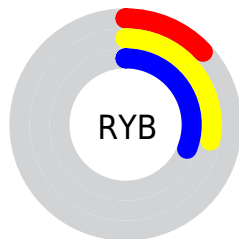
The YUV color **61.5550, -8.6546, -24.1657** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **51.4450, 8.6546, 24.1657**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.8000, -10.2544, -24.3806**, and **19.9580, -9.8393, -17.5032** is the 20% darker color. If you saturate the color by 10%, you get **58.4790, -10.0961, -28.4841**, and if you desaturate by 10%, it is **64.6310, -7.2131, -19.8474**.

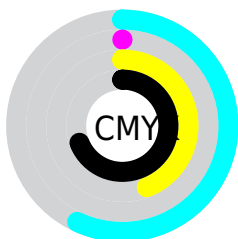
Distribution



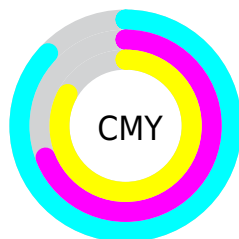
- Red (13%)
- Green (31%)
- Blue (17%)



- Red (13%)
- Yellow (28%)
- Blue (31%)



- Cyan (57%)
- Magenta (0%)
- Yellow (44%)
- Black (69%)



- Cyan (87%)
- Magenta (69%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.5550, -8.6546, -24.1657 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 61.5550, -8.6546, -24.1657 by changing the saturation by 10% instead.

■ 61.5550, -8.6546,
-24.1657

■ 61.5550, -8.6546,
-24.1657

255.0000, 0.0000,
0.0000

■ 37.8860, -7.3388,
-26.2100

■ 110.8000,
-10.2544, -24.3806

■ 19.9580, -9.8393,
-17.5032

■ 136.3870,
-10.5438, -24.8954

■ 0.0000, 0.0000,
0.0000

■ 162.8600,
-11.2700, -25.3102

■ 190.1480,
-11.4120, -26.4398

■ 218.0340,
-11.8488, -26.3398

■ 239.5770, -8.6655,

-20.6770

251.5540, -0.2731,
-5.7479

61.5550, -8.6546,
-24.1657

61.5550, -8.6546,
-24.1657

58.4790, -10.0961,
-28.4841

64.6310, -7.2131,
-19.8474

55.4030, -11.5377,
-32.8024

67.7070, -5.7716,
-15.5290

52.3270, -12.9792,
-37.1208

70.7830, -4.3300,
-11.2107

49.1370, -14.8575,
-41.3391

73.9730, -2.4517,
-6.9923

48.4250, -14.9995,
-42.4687

77.0490, -1.0102,
-2.6740

■ 79.8260, 0.5788,
1.0296

■ 82.9020, 2.0203,
5.3479

■ 85.9780, 3.4618,
9.6663

■ 89.0540, 4.9034,
13.9846

Harmonies

Analogous

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



65.9400, -19.1974, -2.5784



61.5550, -8.6546, -24.1657



55.1850, 5.8248, -48.3972

Triad

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



61.5550, -8.6546, -24.1657



59.8480, 27.1899, -41.0857



69.5270, -9.1338, 36.3718

Complementary

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



61.5550, -8.6546, -24.1657



51.4450, 8.6546, 24.1657

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.



70.6760, 1.6387, 34.4871



61.5550, -8.6546, -24.1657



70.8420, 19.7979, -3.3694

Square

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



61.5550, -8.6546, -24.1657



58.5710, 23.8755, -51.3668



72.1070, 11.2862, 20.0772



68.7790, -18.1320, 29.1348

Rectangle

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



61.5550, -8.6546, -24.1657



56.8950, 12.3768, -49.8969



72.1070, 11.2862, 20.0772



70.0370, -5.9342, 36.8016

Sweetspot

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



61.5550, -8.6546, -24.1657



95.4350, -3.1725, -9.1515



70.8800, -18.1818, -1.6488



47.0980, -2.0203, -5.3479



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



61.5550, -8.6546, -24.1657



75.2130, -13.4160, -37.0208



64.0630, 0.9549, -26.3653



36.4620, -0.7208, -2.1592



62.4960, -19.4715, -54.8090



140.8240, -44.2832, -123.5026

Inverse Universe

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



51.4450, 8.6546, 24.1657



59.7870, 13.4160, 37.0208



48.9370, -0.9549, 26.3653



35.5380, 0.7208, 2.1592



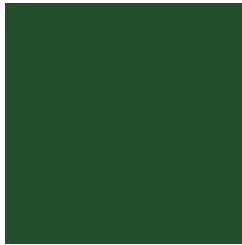
39.5040, 19.4715, 54.8090



89.0620, 43.8464, 123.6026

Previews

White Background



This preview shows how the YUV color 61.5550, -8.6546, -24.1657 looks on a white background.

Color Contrast Check

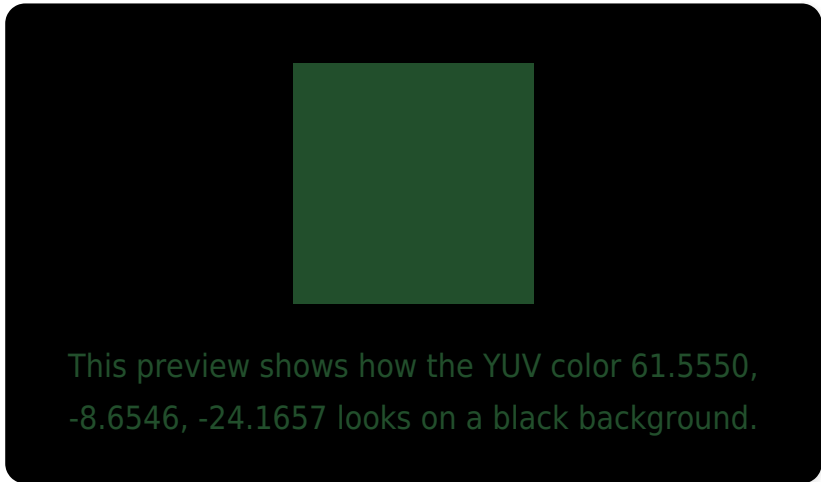
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

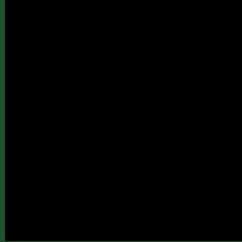
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.5550, -8.6546, -24.1657

Background



This preview shows how black text looks on a background with the YUV color 61.5550, -8.6546, -24.1657.



This preview shows how white text looks on a background with the YUV color 61.5550, -8.6546,

-24.1657.

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

61.5550, -8.6546, -24.1657

Protanopia

68.4880, -13.5516, 6.5880

Deuteranopia

69.8030, -11.2419, 12.4508



Tritanopia

66.4150, 7.1904, -19.6580

Trichromacy



Original Color

61.5550, -8.6546, -24.1657

Protanomaly

65.8780, -11.7719, -4.2780

Deuteranomaly

66.6550, -10.1829, -0.5744

Tritanomaly

64.3240, 1.8123, -21.3321

Monochromacy



Original Color

61.5550, -8.6546, -24.1657

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.7340, -3.3199, -8.5367

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.5550, -8.6546, -24.1657 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(34, 79, 44)` looks like.

```
.text, #text, p{  
    color:rgb(34, 79, 44)  
}
```

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(34, 79, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 79, 44) }
```

Border

The CSS property to change the border of an element to YUV 61.5550, -8.6546, -24.1657 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(34, 79, 44) }
```


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

```
.border{ border-color:rgb(34, 79, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 79, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 79, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 79, 44);  
box-shadow:4px 4px 4px 4px rgb(34, 79, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.5550, -8.6546, -24.1657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 79, 44) }
```

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

```
.background{ background-color: rgb(34, 79,  
44) }
```

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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