

Converting Colors

YUV(66.4160, 2.2599, -24.9208)

Have a look what the booklet for
YUV(66.4160, 2.2599, -24.9208)
contains.

YUV(66.4160, 2.2599, -24.9208)	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(66.4160, 2.2599,
-24.9208)**

Conversions

Conversions Part 1

Format	Color
Hex	265047
RGB	38, 80, 71
RGB Percent	15%, 31%, 28%
CMY	0.8510, 0.6863, 0.7216
CMYK	0.52, 0.00, 0.11, 0.69
HSL	167°, 36%, 23%
HSV	167°, 52%, 31%
XYZ	4.8053, 6.6043, 6.9827
YIQ	66.4160, -22.1430, -11.7030

Conversions

Conversions Part 2

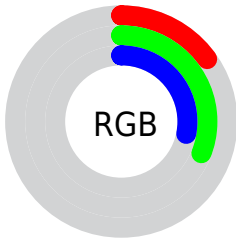
Format	Color
R_{YB}	38, 62, 80
Decimal	2510919
CIE Lab	30.89, -17.22, 0.79
CIE LCh	31, 17.241, 177.380
Yxy	6.6043, 0.2613, 0.3591
Android (android.graphics.Color)	4280700999 (0xFF265047)
YUV	66.4160, 2.2599, -24.9208
Hunter-Lab	25.6989, -11.5961, 1.8793

Details

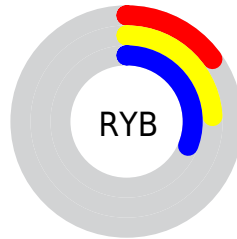
The YUV color **66.4160, 2.2599, -24.9208** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **51.5840, -2.2599, 24.9208**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.3020, 1.8231, -24.8209**, and **23.7370, 2.1017, -20.8173** is the 20% darker color. If you saturate the color by 10%, you get **63.7960, 2.5656, -29.6391**, and if you desaturate by 10%, it is **69.0360, 1.9543, -20.2026**.

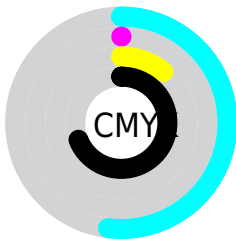
Distribution



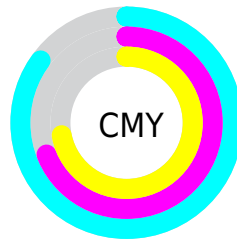
- Red (15%)
- Green (31%)
- Blue (28%)



- Red (15%)
- Yellow (24%)
- Blue (31%)



- Cyan (52%)
- Magenta (0%)
- Yellow (11%)
- Black (69%)



- Cyan (85%)
- Magenta (69%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.4160, 2.2599, -24.9208 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 66.4160, 2.2599, -24.9208 by changing the saturation by 10% instead.

66.4160, 2.2599,
-24.9208

66.4160, 2.2599,
-24.9208

255.0000, 0.0000,
0.0000

42.9320, 2.9915,
-26.2504

115.3020, 1.8231,
-24.8209

23.7370, 2.1017,
-20.8173

141.5900, 1.6811,
-25.9504

3.6360, -1.2995,
-3.1888

168.1770, 1.3917,
-26.4652

0.0000, 0.0000,
0.0000

195.2910, 1.8285,
-26.5652

223.5790, 1.6866,
-27.6948

244.5350, 5.1592,

-21.5172

253.2060, 0.8844,
-3.6887

66.4160, 2.2599,
-24.9208

66.4160, 2.2599,
-24.9208

63.7960, 2.5656,
-29.6391

69.0360, 1.9543,
-20.2026

61.2900, 3.3080,
-34.4573

71.5420, 1.2118,
-15.3843

58.6700, 3.6137,
-39.1756

74.1620, 0.9061,
-10.6661

56.0500, 3.9194,
-43.8938

76.7820, 0.6005,
-5.9478

54.1420, 4.3670,
-47.4825

79.4020, 0.2948,
-1.2296

■ 81.9080, -0.4476,
3.5887

■ 84.5280, -0.7533,
8.3069

■ 87.1480, -1.0590,
13.0252

■ 89.6540, -1.8014,
17.8434

Harmonies

Analogous

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



69.1310, -5.4876, -13.2699



66.4160, 2.2599, -24.9208



65.0220, 9.8492, -32.4683

Triad

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



66.4160, 2.2599, -24.9208



73.9750, 11.3513, -0.8551



73.1350, -11.4056, 18.2986

Complementary

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



66.4160, 2.2599, -24.9208



51.5840, -2.2599, 24.9208

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.



73.5360, -6.1802, 22.3319



66.4160, 2.2599, -24.9208



74.6840, 6.0718, 12.5551

Square

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



66.4160, 2.2599, -24.9208



70.5710, 14.0155, -15.4098



74.7190, -0.3545, 20.4174



71.7380, -12.6888, 9.8768

Rectangle

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



66.4160, 2.2599, -24.9208



65.8310, 12.9013, -31.4238



74.7190, -0.3545, 20.4174



73.4880, -10.1006, 19.7430

Sweetspot

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



66.4160, 2.2599, -24.9208



99.4610, 0.7587, -10.0513



65.3450, -13.4811, -16.0886



50.3690, 0.3111, -6.4626



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



66.4160, 2.2599, -24.9208



83.5560, 3.1769, -39.0756



60.3980, 9.6638, -19.6430



39.6900, 0.1528, -2.3591



70.9830, 5.4314, -62.2521



156.9320, 12.3585, -137.6294

Inverse Universe

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



51.5840, -2.2599, 24.9208



60.3300, -3.6137, 39.1756



57.6020, -9.6638, 19.6430



38.3100, -0.1528, 2.3591



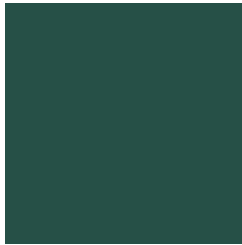
33.9030, -5.8682, 62.3521



75.0680, -12.3585, 137.6294

Previews

White Background



This preview shows how the YUV color 66.4160, 2.2599, -24.9208 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 66.4160, 2.2599, -24.9208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

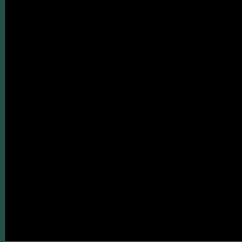
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.4160, 2.2599, -24.9208

Background



This preview shows how black text looks on a background with the YUV color 66.4160, 2.2599, -24.9208.



This preview shows how white text looks on a background with the YUV color 66.4160, 2.2599, -24.9208.

-24.9208.

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

66.4160, 2.2599, -24.9208

Protanopia

72.3270, -2.6262, 2.3442

Deuteranopia

73.0330, -0.0163, 5.2331



Tritanopia

67.9200, 7.9274, -22.7318

Trichromacy



Original Color

66.4160, 2.2599, -24.9208

Protanomaly

70.3150, -1.1413, -7.2923

Deuteranomaly

70.7820, 0.6005, -5.9478

Tritanomaly

67.6380, 5.6015, -23.3615

Monochromacy



Original Color

66.4160, 2.2599, -24.9208

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.1730, 0.9007, -8.9217

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.4160, 2.2599, -24.9208 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(38, 80, 71)` looks like.

```
.text, #text, p{  
    color:rgb(38, 80, 71)  
}
```

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(38, 80, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 80, 71) }
```

Border

The CSS property to change the border of an element to YUV 66.4160, 2.2599, -24.9208 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(38, 80, 71) }
```


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

```
.border{ border-color:rgb(38, 80, 71) }
```

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

Here you see how a box with a 4 pixel rgb(38, 80, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 80, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 80, 71);  
box-shadow:4px 4px 4px 4px rgb(38, 80, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.4160, 2.2599, -24.9208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 80, 71) }
```

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

```
.background{ background-color: rgb(38, 80,  
71) }
```

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