

Converting Colors

YUV(64.7460, -11.7068,
-25.2102)

Have a look what the booklet for
YUV(64.7460, -11.7068, -25.2102)
contains.

YUV(64.7460, -11.7068, -25.2102)	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(64.7460, -11.7068,
-25.2102)**

Conversions

Conversions Part 1

Format	Color
Hex	245429
RGB	36, 84, 41
RGB Percent	14%, 33%, 16%
CMY	0.8588, 0.6706, 0.8392
CMYK	0.57, 0.00, 0.51, 0.67
HSL	126°, 40%, 24%
HSV	126°, 57%, 33%
XYZ	4.2981, 6.8758, 3.1985
YIQ	64.7460, -14.8050, -23.5490

Conversions

Conversions Part 2

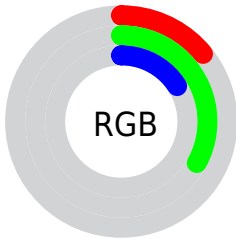
Format	Color
R_{YB}	36, 79, 84
Decimal	2380841
CIE _{Lab}	31.52, -26.70, 20.23
CIE _{LCh}	32, 33.498, 142.859
Yxy	6.8758, 0.2991, 0.4784
Android (android.graphics.Color)	4280570921 (0xFF245429)
YUV	64.7460, -11.7068, -25.2102
Hunter-Lab	26.2218, -16.6294, 11.1232

Details

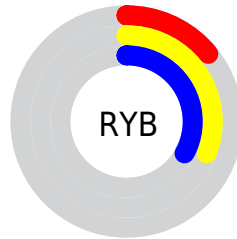
The YUV color $64.7460, -11.7068, -25.2102$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $55.2540, 11.7068, 25.2102$, and the grayscale version is $65.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $113.9910, -13.3066, -25.4251$, and $22.3060, -10.9969, -19.5624$ is the 20% darker color. If you saturate the color by 10%, you get $61.4420, -14.0219, -29.3286$, and if you desaturate by 10%, it is $68.0500, -9.3916, -21.0918$.

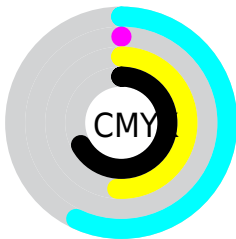
Distribution



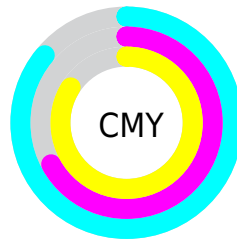
- Red (14%)
- Green (33%)
- Blue (16%)



- Red (14%)
- Yellow (31%)
- Blue (33%)



- Cyan (57%)
- Magenta (0%)
- Yellow (51%)
- Black (67%)



- Cyan (86%)
- Magenta (67%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.7460, -11.7068, -25.2102 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 64.7460, -11.7068, -25.2102 by changing the saturation by 10% instead.

■ 64.7460, -11.7068,
-25.2102

■ 64.7460, -11.7068,
-25.2102

255.0000, 0.0000,
0.0000

■ 40.1910, -9.9542,
-27.3545

■ 113.9910,
-13.3066, -25.4251

■ 22.3060, -10.9969,
-19.5624

■ 140.4640,
-14.0328, -25.8399

■ 5.8700, -2.8939,
-5.1480

■ 166.9370,
-14.7589, -26.2547

■ 0.0000, 0.0000,
0.0000

■ 194.5240,
-15.0483, -26.7695

■ 222.1110,
-15.3377, -27.2843

■ 240.4310,

-10.5655, -17.9180

251.9950, -2.4625,
-3.5036

64.7460, -11.7068,
-25.2102

64.7460, -11.7068,
-25.2102

61.4420, -14.0219,
-29.3286

68.0500, -9.3916,
-21.0918

57.9530, -15.7528,
-34.1618

71.5390, -7.6607,
-16.2587

54.6490, -18.0680,
-38.2802

74.8430, -5.3456,
-12.1403

51.1600, -19.7989,
-43.1133

78.3320, -3.6147,
-7.3072

50.3340, -20.3777,
-44.1429

81.6360, -1.2995,
-3.1888

■ 84.8260, 0.5788,
1.0296

■ 88.4290, 2.7465,
5.7628

■ 91.6190, 4.6248,
9.9811

■ 95.2220, 6.7926,
14.7143

Harmonies

Analogous

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



69.5120, -23.4234, -0.4490



64.7460, -11.7068, -25.2102



58.7070, 4.0884, -51.4860

Triad

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



64.7460, -11.7068, -25.2102



60.7370, 32.1747, -53.2663



73.2720, -9.0081, 42.7345

Complementary

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



64.7460, -11.7068, -25.2102



55.2540, 11.7068, 25.2102

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.



74.8660, 3.5171, 38.7055



64.7460, -11.7068, -25.2102



74.2480, 24.0347, -8.9875

Square

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



64.7460, -11.7068, -25.2102



63.1190, 26.0703, -55.3554



76.6170, 14.4858, 20.5069



73.3560, -19.8955, 34.7678

Rectangle

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



64.7460, -11.7068, -25.2102



60.7590, 11.9508, -53.2856



76.6170, 14.4858, 20.5069



74.0100, -4.9349, 42.9642

Sweetspot

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



64.7460, -11.7068, -25.2102



102.3810, -4.6248, -9.9811



77.0330, -20.2293, 1.7251



51.5710, -2.7465, -5.7628



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



64.7460, -11.7068, -25.2102



79.5240, -18.4993, -39.9245



67.4820, -1.2236, -27.6097



39.3480, -1.1576, -2.0592



62.8890, -25.5813, -55.1537



138.9200, -56.6556, -121.8328

Inverse Universe

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



55.2540, 11.7068, 25.2102



64.4760, 18.4993, 39.9245



52.5180, 1.2236, 27.6097



38.5380, 0.7208, 2.1592



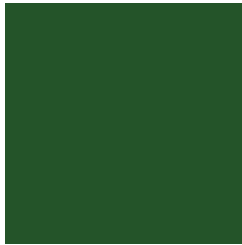
42.1110, 25.5813, 55.1537



93.0800, 56.6556, 121.8328

Previews

White Background



This preview shows how the YUV color 64.7460, -11.7068, -25.2102 looks on a white background.

Color Contrast Check

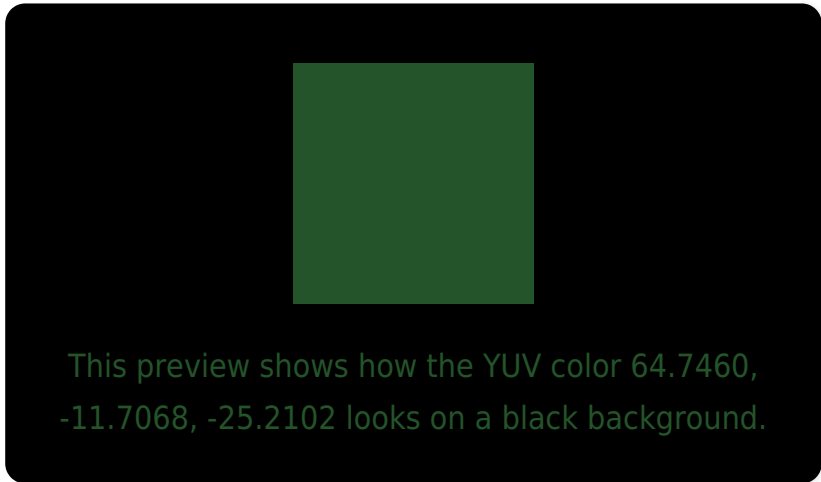
Large Text (above 18pt) WCAG AA ✓ Pass

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

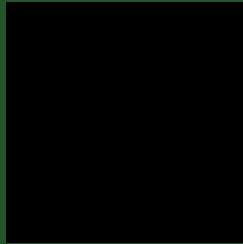
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.7460, -11.7068, -25.2102

Background



This preview shows how black text looks on a background with the YUV color 64.7460, -11.7068, -25.2102.



This preview shows how white text looks on a background with the YUV color 64.7460, -11.7068, -25.2102.

-25.2102.

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

64.7460, -11.7068, -25.2102

Protanopia

72.2880, -16.9040, 8.5174

Deuteranopia

73.6030, -14.5943, 14.3802



Tritanopia

70.2300, 7.7746, -20.3727

Trichromacy



Original Color

64.7460, -11.7068, -25.2102

Protanomaly

69.6670, -15.1188, -4.0930

Deuteranomaly

70.4440, -13.5299, -0.3894

Tritanomaly

68.3840, 0.7967, -22.2618

Monochromacy



Original Color

64.7460, -11.7068, -25.2102

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.7940, -4.3354, -9.4663

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.7460, -11.7068, -25.2102 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(36, 84, 41)` looks like.

```
.text, #text, p{  
    color:rgb(36, 84, 41)  
}
```

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(36, 84, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 84, 41) }
```

Border

The CSS property to change the border of an element to YUV 64.7460, -11.7068, -25.2102 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(36, 84, 41) }
```


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

```
.border{ border-color:rgb(36, 84, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 84, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 84, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 84, 41);  
box-shadow:4px 4px 4px 4px rgb(36, 84, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.7460, -11.7068, -25.2102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 84, 41) }
```

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

```
.background{ background-color: rgb(36, 84,  
41) }
```

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