

Converting Colors

YUV(64.8490, 25.7104,
-33.1936)

Have a look what the booklet for
YUV(64.8490, 25.7104, -33.1936)
contains.

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Color

**YUV(64.8490, 25.7104,
-33.1936)**

Conversions

Conversions Part 1

Format	Color
Hex	1B4A75
RGB	27, 74, 117
RGB Percent	11%, 29%, 46%
CMY	0.8941, 0.7098, 0.5412
CMYK	0.77, 0.37, 0.00, 0.54
HSL	209°, 62%, 28%
HSV	209°, 77%, 46%
XYZ	6.1117, 6.4149, 17.7457
YIQ	64.8490, -41.8150, 3.4090

Conversions

Conversions Part 2

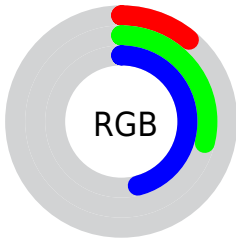
Format	Color
R_{YB}	27, 58, 117
Decimal	1788533
CIE Lab	30.44, 0.16, -29.18
CIE LCh	30, 29.185, 270.311
Yxy	6.4149, 0.2019, 0.2119
Android (android.graphics.Color)	4279978613 (0xFF1B4A75)
YUV	64.8490, 25.7104, -33.1936
Hunter-Lab	25.3277, -1.2508, -23.8118




Details

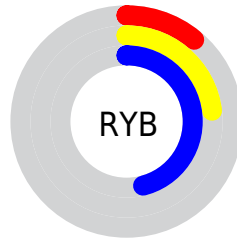
The YUV color **64.8490, 25.7104, -33.1936** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **79.1510, -25.7104, 33.1936**, and the grayscale version is **65.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **115.9960, 26.1310, -28.0605**, and **25.9490, 20.7311, -22.7573** is the 20% darker color. If you saturate the color by 10%, you get **57.7390, 29.2157, -37.4821**, and if you desaturate by 10%, it is **71.9590, 22.2052, -28.9050**.

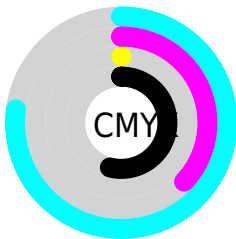
Distribution







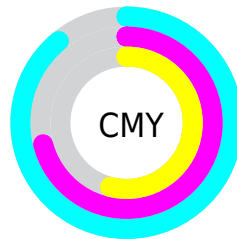
-  Red (11%)
-  Green (29%)
-  Blue (46%)






-  Red (11%)
-  Yellow (23%)
-  Blue (46%)



-  Cyan (77%)
-  Magenta (37%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (89%)
-  Magenta (71%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.8490, 25.7104, -33.1936 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 64.8490, 25.7104, -33.1936 by changing the saturation by 10% instead.

■ 64.8490, 25.7104,
-33.1936

■ 64.8490, 25.7104,
-33.1936

■ 255.0000, 0.0000,
0.0000

■ 41.0120, 25.1371,
-35.9675

■ 115.9960, 26.1310,
-28.0605

■ 25.9490, 20.7311,
-22.7573

■ 142.5230, 26.8572,
-27.6457

■ 8.1790, 18.6458,
-7.1730

■ 169.6370, 27.2940,
-27.7456

■ 3.3230, 10.1938,
-2.9143

■ 197.1640, 28.0201,
-27.3308

■ 0.0000, 0.0000,
0.0000

■ 222.0860, 16.2266,
-24.6314

■ 245.4320, 4.7170,

-19.6729

254.1030, 0.4422,
-1.8443

■ 64.8490, 25.7104,
-33.1936

■ 64.8490, 25.7104,
-33.1936

■ 57.7390, 29.2157,
-37.4821

■ 71.9590, 22.2052,
-28.9050

■ 51.5150, 32.2841,
-41.6707

■ 78.1830, 19.1368,
-24.7165

■ 49.1450, 33.4525,
-43.1002

■ 85.2930, 15.6316,
-20.4280

■ 91.8160, 12.4157,
-15.6246

■ 98.9260, 8.9105,
-11.3361

■ 105.7370, 5.5527,
-7.6623

■ 112.2600, 2.3368,
-2.8590

■ 119.3700, -1.1684,
1.4295

■ 125.5940, -4.2368,
5.6181

Harmonies

Analogous

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



59.6140, 25.3333, -52.2815



64.8490, 25.7104, -33.1936



73.2230, 18.6241, -0.1956

Triad

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



64.8490, 25.7104, -33.1936



71.7720, -10.7336, 36.1570



62.2880, -7.0440, -27.4396

Complementary

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



64.8490, 25.7104, -33.1936



79.1510, -25.7104, 33.1936

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.



66.9720, -17.7342, -5.2374



64.8490, 25.7104, -33.1936



70.5400, -19.0002, 27.5904

Square

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



64.8490, 25.7104, -33.1936



72.5190, -0.2559, 35.5018



69.5290, -22.4458, 12.6911



56.8150, 6.9932, -49.8268

Rectangle

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



64.8490, 25.7104, -33.1936



74.2420, 13.1917, 15.5738



69.5290, -22.4458, 12.6911



64.4910, -11.5811, -18.8476

Sweetspot

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



64.8490, 25.7104, -33.1936



132.5560, 10.0789, -12.7656



84.6180, -7.6997, -50.5310



63.9650, 6.4263, -7.8623



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



64.8490, 25.7104, -33.1936



71.5120, 40.1736, -52.1920



39.0210, 38.4436, -10.5424



55.4450, 1.7526, -2.1443



51.4760, 34.7683, -45.1445



105.3970, 71.2893, -92.4332

Inverse Universe

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



59.2680, 7.2629, 50.6310



62.5950, 11.5387, 79.2852



104.9790, -38.4436, 10.5424



55.1360, 0.4260, 3.3887



43.7740, 9.9714, 68.6042



89.6840, 20.3688, 140.5971

Previews

White Background



This preview shows how the YUV color 64.8490, 25.7104, -33.1936 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 64.8490, 25.7104, -33.1936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

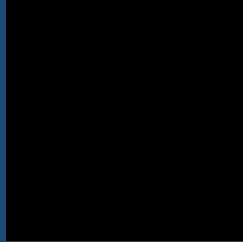
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.8490, 25.7104, -33.1936

Background



This preview shows how black text looks on a background with the YUV color 64.8490, 25.7104, -33.1936.



This preview shows how white text looks on a background with the YUV color 64.8490, 25.7104,

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

64.8490, 25.7104, -33.1936

Protanopia

70.4170, 20.9934, -13.5207

Deuteranopia

68.2740, 24.5149, -23.0423



Tritanopia

56.7640, 14.4133, -49.7820

Trichromacy



Original Color

64.8490, 25.7104, -33.1936

Protanomaly

68.1280, 22.6149, -20.2833

Deuteranomaly

67.3660, 24.9626, -26.6310

Tritanomaly

59.8340, 18.3228, -43.7044

Monochromacy



Original Color

64.8490, 25.7104, -33.1936

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.7410, 9.4947, -12.0509

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.8490, 25.7104, -33.1936 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(27, 74, 117)` looks like.

```
.text, #text, p{  
    color:rgb(27, 74, 117)  
}
```

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(27, 74, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 74, 117) }
```

Border

The CSS property to change the border of an element to YUV 64.8490, 25.7104, -33.1936 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(27, 74, 117) }
```


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

```
.border{ border-color:rgb(27, 74, 117) }
```

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

Here you see how a box with a 4 pixel rgb(27, 74, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 74, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 74, 117);  
box-shadow:4px 4px 4px 4px rgb(27, 74,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 64.8490, 25.7104, -33.1936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 74, 117) }
```

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

```
.background{ background-color: rgb(27, 74,  
117) }
```

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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