

Converting Colors

YUV(64.5160, 30.8046,
-33.7785)

Have a look what the booklet for
YUV(64.5160, 30.8046, -33.7785)
contains.

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Color

**YUV(64.5160, 30.8046,
-33.7785)**

Conversions

Conversions Part 1

Format	Color
Hex	1A487F
RGB	26, 72, 127
RGB Percent	10%, 28%, 50%
CMY	0.8980, 0.7176, 0.5020
CMYK	0.80, 0.43, 0.00, 0.50
HSL	213°, 66%, 30%
HSV	213°, 80%, 50%
XYZ	6.5741, 6.3866, 20.9649
YIQ	64.5160, -45.0710, 7.3530

Conversions

Conversions Part 2

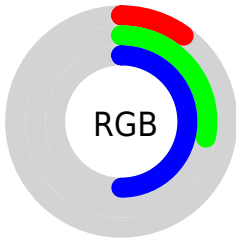
Format	Color
R_{YB}	26, 58, 127
Decimal	1722495
CIE Lab	30.37, 5.38, -35.54
CIE LCh	30, 35.950, 278.612
Yxy	6.3866, 0.1938, 0.1883
Android (android.graphics.Color)	4279912575 (0xFF1A487F)
YUV	64.5160, 30.8046, -33.7785
Hunter-Lab	25.2718, 2.2088, -31.4954

Details

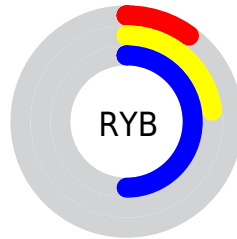
The YUV color **64.5160, 30.8046, -33.7785** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **88.4840, -30.8046, 33.7785**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.6740, 31.2197, -26.9011**, and **25.8010, 25.2411, -22.6275** is the 20% darker color. If you saturate the color by 10%, you get **56.5200, 34.7466, -38.1670**, and if you desaturate by 10%, it is **72.5120, 26.8626, -29.3900**.

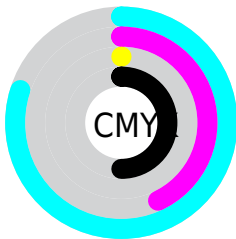
Distribution



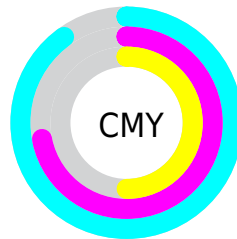
- Red (10%)
- Green (28%)
- Blue (50%)



- Red (10%)
- Yellow (23%)
- Blue (50%)



- Cyan (80%)
- Magenta (43%)
- Yellow (0%)
- Black (50%)



- Cyan (90%)
- Magenta (72%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.5160, 30.8046, -33.7785 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 64.5160, 30.8046, -33.7785 by changing the saturation by 10% instead.

■ 64.5160, 30.8046,
-33.7785

■ 64.5160, 30.8046,
-33.7785

■ 255.0000, 0.0000,
0.0000

■ 40.9780, 30.0838,
-35.9377

■ 116.6740, 31.2197,
-26.9011

■ 25.8010, 25.2411,
-22.6275

■ 143.5000, 31.7985,
-25.8715

■ 7.3300, 23.0083,
-6.4284

■ 170.0270, 32.5247,
-25.4567

■ 4.8220, 13.3988,
-4.2289

■ 196.4140, 28.8829,
-24.0421

■ 0.4560, 1.7472,
-0.3999

■ 221.5210, 16.5051,
-20.6279

■ 0.0000, 0.0000,
0.0000

■ 246.6280, 4.1274,

-17.2138

■ 64.5160, 30.8046,
-33.7785

■ 64.5160, 30.8046,
-33.7785

■ 56.5200, 34.7466,
-38.1670

■ 72.5120, 26.8626,
-29.3900

■ 48.8230, 38.5413,
-41.9408

■ 80.2090, 23.0680,
-25.6163

■ 48.5240, 38.6887,
-42.5555

■ 88.2050, 19.1259,
-21.2278

■ 96.2010, 15.1839,
-16.8393

■ 103.8980, 11.3893,
-13.0655

■ 111.3070, 7.7366,
-8.1622

■ 119.3030, 3.7946,
-3.7737

■ 127.2990, -0.1474,
0.6148

■ 134.9960, -3.9420,
4.3885

Harmonies

Analogous

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



60.9820, 30.5749, -53.4812



64.5160, 30.8046, -33.7785



73.7340, 20.3441, 8.1263

Triad

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



64.5160, 30.8046, -33.7785



69.5510, -15.5546, 42.4898



54.4210, -2.1796, -47.7272

Complementary

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



64.5160, 30.8046, -33.7785



88.4840, -30.8046, 33.7785

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.



64.0480, -19.7437, -14.0741



64.5160, 30.8046, -33.7785



69.4170, -25.8416, 28.5753

Square

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



64.5160, 30.8046, -33.7785



70.3030, -2.6144, 45.3383



67.1990, -28.6921, 9.4725



58.9010, 9.9088, -51.6562

Rectangle

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



64.5160, 30.8046, -33.7785



73.1340, 13.7379, 27.0695



67.1990, -28.6921, 9.4725



57.8910, -8.3273, -35.8614

Sweetspot

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



64.5160, 30.8046, -33.7785



141.1260, 12.2629, -13.2655



91.4430, -5.6414, -57.3935



69.1930, 7.2999, -8.0623



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



64.5160, 30.8046, -33.7785



68.2760, 48.1779, -52.8621



38.4110, 43.6744, -8.2534



59.5590, 2.1894, -2.2442



48.6380, 39.1255, -42.6555



0.0000, 0.0000, 0.0000

Inverse Universe

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



61.4430, 5.2046, 57.4935



63.4500, 8.1591, 89.9364



114.5890, -43.6744, 8.2534



59.4350, 0.2785, 4.0035



44.8840, 6.4662, 72.8927



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 64.5160, 30.8046, -33.7785 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 64.5160, 30.8046, -33.7785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

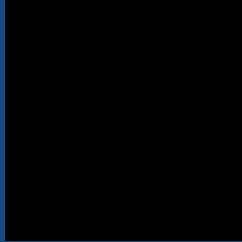
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.5160, 30.8046, -33.7785

Background



This preview shows how black text looks on a background with the YUV color 64.5160, 30.8046, -33.7785.



This preview shows how white text looks on a background with the YUV color 64.5160, 30.8046,

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

64.5160, 30.8046, -33.7785

Protanopia

69.3930, 27.4143, -19.6387

Deuteranopia

63.3090, 31.3997, -37.9820



Tritanopia

56.0630, 14.2659, -49.1673

Trichromacy



Original Color

64.5160, 30.8046, -33.7785

Protanomaly

67.7020, 28.7409, -25.1717

Deuteranomaly

63.9070, 31.1048, -36.7524

Tritanomaly

58.7030, 20.3594, -43.5895

Monochromacy



Original Color

64.5160, 30.8046, -33.7785

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.1970, 11.2419, -12.4508

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.5160, 30.8046, -33.7785 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(26, 72, 127)` looks like.

```
.text, #text, p{  
    color:rgb(26, 72, 127)  
}
```

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(26, 72, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 72, 127) }
```

Border

The CSS property to change the border of an element to YUV 64.5160, 30.8046, -33.7785 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(26, 72, 127) }
```


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

```
.border{ border-color:rgb(26, 72, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 72, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 72, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 72, 127);  
box-shadow:4px 4px 4px 4px rgb(26, 72,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 64.5160, 30.8046, -33.7785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 72, 127) }
```

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

```
.background{ background-color: rgb(26, 72,  
127) }
```

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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