

Converting Colors

YUV(64.7840, 17.8545, 13.3444)

Have a look what the booklet for
YUV(64.7840, 17.8545, 13.3444)
contains.

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Color

**YUV(64.7840, 17.8545,
13.3444)**

Conversions

Conversions Part 1

Format	Color
Hex	503265
RGB	80, 50, 101
RGB Percent	31%, 20%, 40%
CMY	0.6863, 0.8039, 0.6039
CMYK	0.21, 0.50, 0.00, 0.60
HSL	275°, 34%, 30%
HSV	275°, 50%, 40%
XYZ	6.7978, 4.9263, 12.9045
YIQ	64.7840, 1.5090, 22.2210

Conversions

Conversions Part 2

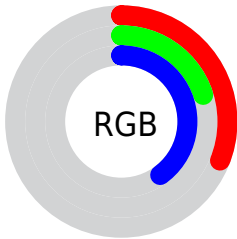
Format	Color
R_{YB}	80, 50, 101
Decimal	5255781
CIE _{Lab}	26.52, 24.25, -24.92
CIE _{LCh}	27, 34.777, 314.220
Yxy	4.9263, 0.2760, 0.2000
Android (android.graphics.Color)	4283445861 (0xFF503265)
YUV	64.7840, 17.8545, 13.3444
Hunter-Lab	22.1952, 15.8285, -18.9352

Details

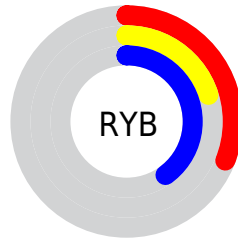
The YUV color **64.7840, 17.8545, 13.3444** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **86.2160, -17.8545, -13.3444**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.4360, 19.0121, 15.4036**, and **19.5450, 16.9863, 11.8000** is the 20% darker color. If you saturate the color by 10%, you get **57.7180, 21.3380, 16.0333**, and if you desaturate by 10%, it is **71.8500, 14.3710, 10.6556**.

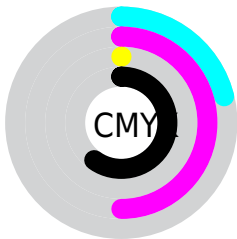
Distribution



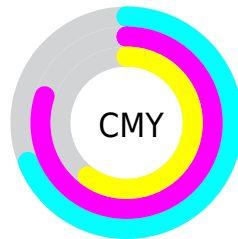
- Red (31%)
- Green (20%)
- Blue (40%)



- Red (31%)
- Yellow (20%)
- Blue (40%)



- Cyan (21%)
- Magenta (50%)
- Yellow (0%)
- Black (60%)



- Cyan (69%)
- Magenta (80%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.7840, 17.8545, 13.3444 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 64.7840, 17.8545, 13.3444 by changing the saturation by 10% instead.

64.7840, 17.8545,
13.3444

64.7840, 17.8545,
13.3444

255.0000, 0.0000,
0.0000

41.9580, 17.2757,
12.3148

113.4360, 19.0121,
15.4036

19.5450, 16.9863,
11.8000

138.9630, 19.7382,
15.8184

4.2460, 13.6827,
-1.9697

165.4900, 20.4644,
16.2333

0.4560, 1.7472,
-0.3999

192.9030, 20.7538,
16.7481

0.0000, 0.0000,
0.0000

220.2900, 17.1120,
18.1627

240.9120, 6.9454,

12.3552

■ 64.7840, 17.8545,
13.3444

■ 64.7840, 17.8545,
13.3444

■ 57.7180, 21.3380,
16.0333

■ 71.8500, 14.3710,
10.6556

■ 50.6520, 24.8216,
18.7222

■ 78.9160, 10.8874,
7.9667

■ 43.5860, 28.3051,
21.4111

■ 85.9820, 7.4039,
5.2778

■ 36.2210, 31.9360,
23.4852

■ 93.3470, 3.7729,
3.2037

■ 29.1550, 35.4196,
26.1741

■ 101.0000, 0.0000,
0.0000

■ 108.0660, -3.4835,
-2.6889

■ 115.1320, -6.9671,
-5.3778

■ 122.1980,
-10.4506, -8.0666

■ 129.2640,
-13.9342, -10.7555

Harmonies

Analogous

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



58.6700, 27.2777, -22.5126



64.7840, 17.8545, 13.3444



62.5820, 7.6011, 35.4466

Triad

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



64.7840, 17.8545, 13.3444



59.9820, -26.1201, 24.5718



52.5750, 11.0555, -46.1083

Complementary

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



64.7840, 17.8545, 13.3444



86.2160, -17.8545, -13.3444

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.



48.7960, -0.8854, -42.7941



64.7840, 17.8545, 13.3444



57.7470, -26.4973, 5.4839

Square

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



64.7840, 17.8545, 13.3444



60.5890, -16.5594, 38.0714



54.3510, -15.9490, -17.8478



54.7240, 21.8281, -47.9929

Rectangle

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



64.7840, 17.8545, 13.3444



61.4490, -0.7144, 42.5792



54.3510, -15.9490, -17.8478



51.5490, 7.1243, -45.2085

Sweetspot

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



64.7840, 17.8545, 13.3444



116.4550, 6.6777, 4.8630



68.1410, 16.1995, -15.9097



57.4610, 4.2097, 3.1037



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



64.7840, 17.8545, 13.3444



73.7600, 27.7263, 20.3815



70.6070, 13.0117, 26.6547



47.4670, 1.7418, 1.3444



33.1430, 40.3555, 29.6926



70.0460, 84.7733, 63.1037

Inverse Universe

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



67.6430, 1.6550, 29.2541



78.2690, 2.3324, 45.3681



80.3930, -13.0117, -26.6547



47.7230, 0.1366, 2.8739



39.7430, 3.5777, 66.0004



83.7580, 8.0073, 138.7782

Previews

White Background



This preview shows how the YUV color 64.7840, 17.8545, 13.3444 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 64.7840, 17.8545, 13.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

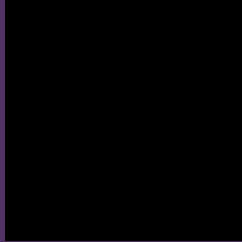
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.7840, 17.8545, 13.3444

Background



This preview shows how black text looks on a background with the YUV color 64.7840, 17.8545, 13.3444.



This preview shows how white text looks on a background with the YUV color 64.7840, 17.8545,

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

64.7840, 17.8545, 13.3444

Protanopia

60.5350, 25.3722, -18.0092

Deuteranopia

61.6080, 17.9413, -14.5652



Tritanopia

64.0550, -0.0271, 8.7218

Trichromacy



Original Color

64.7840, 17.8545, 13.3444

Protanomaly

62.2160, 22.5715, -6.3284

Deuteranomaly

62.6740, 17.9087, -4.0991

Tritanomaly

64.3740, 6.2246, 10.1960

Monochromacy



Original Color

64.7840, 17.8545, 13.3444

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.0420, 6.3883, 4.3482

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.7840, 17.8545, 13.3444 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(80, 50, 101)` looks like.

```
.text, #text, p{  
    color:rgb(80, 50, 101)  
}
```

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(80, 50, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 50, 101) }
```

Border

The CSS property to change the border of an element to YUV 64.7840, 17.8545, 13.3444 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(80, 50, 101) }
```


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

```
.border{ border-color:rgb(80, 50, 101) }
```

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

Here you see how a box with a 4 pixel rgb(80, 50, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 50, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 50, 101);  
box-shadow:4px 4px 4px 4px rgb(80, 50,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 64.7840, 17.8545, 13.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 50, 101) }
```

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

```
.background{ background-color: rgb(80, 50,  
101) }
```

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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