

Converting Colors

YUV(64.7680, 32.1594, -1.5505)

Have a look what the booklet for
YUV(64.7680, 32.1594, -1.5505)
contains.

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Color

**YUV(64.7680, 32.1594,
-1.5505)**

Conversions

Conversions Part 1

Format	Color
Hex	3F3582
RGB	63, 53, 130
RGB Percent	25%, 21%, 51%
CMY	0.7529, 0.7922, 0.4902
CMYK	0.52, 0.59, 0.00, 0.49
HSL	248°, 42%, 36%
HSV	248°, 59%, 51%
XYZ	7.3523, 5.2147, 21.7381
YIQ	64.7680, -18.7570, 26.0670

Conversions

Conversions Part 2

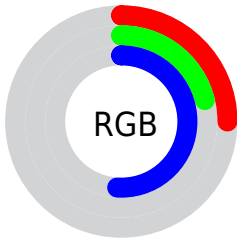
Format	Color
RYB	63, 53, 130
Decimal	4142466
CIELab	27.34, 26.24, -42.17
CIElCh	27, 49.669, 301.891
Yxy	5.2147, 0.2143, 0.1520
Android (android.graphics.Color)	4282332546 (0xFF3F3582)
YUV	64.7680, 32.1594, -1.5505
Hunter-Lab	22.8357, 17.5082, -40.4554

Details

The YUV color **64.7680, 32.1594, -1.5505** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **118.2320, -32.1594, 1.5505**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.3600, 34.3325, 1.4383**, and **15.5770, 31.7605, -13.6610** is the 20% darker color. If you saturate the color by 10%, you get **53.8480, 37.5429, -1.6207**, and if you desaturate by 10%, it is **75.6880, 26.7758, -1.4804**.

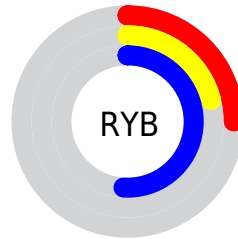
Distribution



Red (25%)

Green (21%)

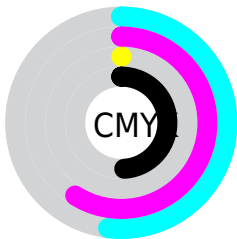
Blue (51%)



Red (25%)

Yellow (21%)

Blue (51%)

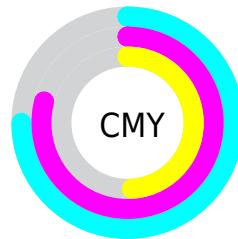


Cyan (52%)

Magenta (59%)

Yellow (0%)

Black (49%)



Cyan (75%)

Magenta (79%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.7680, 32.1594, -1.5505 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 64.7680, 32.1594, -1.5505 by changing the saturation by 10% instead.

■ 64.7680, 32.1594,
-1.5505

■ 64.7680, 32.1594,
-1.5505

■ 255.0000, 0.0000,
0.0000

■ 40.8170, 31.1492,
-4.2245

■ 114.3600, 34.3325,
1.4383

■ 15.5770, 31.7605,
-13.6610

■ 140.3000, 35.3481,
2.3679

■ 6.3840, 24.4607,
-5.5988

■ 167.1260, 35.9269,
3.3975

■ 5.0500, 14.2723,
-4.4289

■ 193.0570, 30.5379,
5.2120

■ 0.9120, 3.4944,
-0.7998

■ 217.5770, 18.4495,
9.1410

■ 0.0000, 0.0000,
0.0000

■ 242.6730, 6.0772,

10.8108

■ 64.7680, 32.1594,
-1.5505

■ 64.7680, 32.1594,
-1.5505

■ 53.8480, 37.5429,
-1.6207

■ 75.6880, 26.7758,
-1.4804

■ 42.6290, 43.0739,
-2.3056

■ 86.9070, 21.2448,
-0.7954

■ 31.7090, 48.4575,
-2.3758

■ 97.8270, 15.8613,
-0.7253

■ 20.7890, 53.8410,
-2.4460

■ 108.7470, 10.4777,
-0.6551

■ 19.9030, 54.2778,
-2.5459

■ 119.9660, 4.9468,
0.0298

■ 130.8860, -0.4368,
0.1000

■ 141.8060, -5.8204,
0.1701

■ 152.7260,
-11.2039, 0.2403

■ 163.9450,
-16.7349, 0.9252

Harmonies

Analogous

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



56.6910, 42.0573, -49.7180



64.7680, 32.1594, -1.5505



62.3130, 19.0727, 42.6985

Triad

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



64.7680, 32.1594, -1.5505



60.1690, -29.6633, 41.0708



55.0710, 5.3880, -48.2973

Complementary

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



64.7680, 32.1594, -1.5505



118.2320, -32.1594, 1.5505

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.



48.7500, -11.2157, -42.7537



64.7680, 32.1594, -1.5505



60.8900, -30.0188, 15.0055

Square

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



64.7680, 32.1594, -1.5505



55.4270, -14.0145, 61.8925



54.5120, -26.8744, -13.6040



59.4030, 21.9863, -52.0964

Rectangle

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



64.7680, 32.1594, -1.5505



53.7840, 11.4455, 62.4564



54.5120, -26.8744, -13.6040



53.0020, -0.0010, -46.4828

Sweetspot

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



64.7680, 32.1594, -1.5505



142.6160, 12.5143, -0.5402



101.6940, 13.9549, -42.7046



68.6500, 7.5675, -0.5701



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.



64.7680, 32.1594, -1.5505



67.0510, 49.7679, -2.6757



75.8310, 26.7053, 21.1962



58.0970, 2.9102, -0.0851



19.6750, 53.4042, -2.3460



0.0000, 0.0000, 0.0000

Inverse Universe

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



83.6610, 17.9151, 40.6393



96.4370, 27.8856, 62.7608



107.1690, -26.7053, -21.1962



59.7770, 1.5889, 3.7036



50.9260, 29.6165, 67.5939



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 64.7680, 32.1594, -1.5505 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 64.7680, 32.1594, -1.5505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

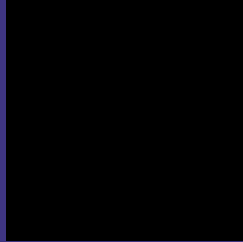
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.7680, 32.1594, -1.5505

Background



This preview shows how black text looks on a background with the YUV color 64.7680, 32.1594, -1.5505.



This preview shows how white text looks on a background with the YUV color 64.7680, 32.1594,

-1.5505.

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

64.7680, 32.1594, -1.5505

Protanopia

51.4420, 39.7151, -45.1146

Deuteranopia

51.8520, 31.1320, -45.4742



Tritanopia

61.8070, 6.0111, -14.7397

Trichromacy



Original Color

64.7680, 32.1594, -1.5505

Protanomaly

56.4440, 36.7561, -29.3304

Deuteranomaly

56.3640, 31.3725, -29.2602

Tritanomaly

63.2450, 15.1622, -9.8619

Monochromacy



Original Color

64.7680, 32.1594, -1.5505

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.0890, 11.7881, -0.9551

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.7680, 32.1594, -1.5505 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(63, 53, 130)` looks like.

```
.text, #text, p{  
    color:rgb(63, 53, 130)  
}
```

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(63, 53, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 53, 130) }
```

Border

The CSS property to change the border of an element to YUV 64.7680, 32.1594, -1.5505 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(63, 53, 130) }
```


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

```
.border{ border-color:rgb(63, 53, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 53, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 53, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 53, 130);  
box-shadow:4px 4px 4px 4px rgb(63, 53,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 64.7680, 32.1594, -1.5505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 53, 130) }
```

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

```
.background{ background-color: rgb(63, 53,  
130) }
```

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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