

Converting Colors

YUV(104.7180, -35.8500,
18.6643)

Have a look what the booklet for
YUV(104.7180, -35.8500, 18.6643)
contains.

| | |
|--|----|
| YUV(104.7180, -35.8500, 18.6643) | 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(104.7180, -35.8500,
18.6643)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7E6C20 |
| RGB | 126, 108, 32 |
| RGB Percent | 49%, 42%, 13% |
| CMY | 0.5059, 0.5765, 0.8745 |
| CMYK | 0.00, 0.14, 0.75, 0.51 |
| HSL | 49°, 59%, 31% |
| HSV | 49°, 75%, 49% |
| XYZ | 14.2275, 15.2650, 3.5631 |
| YIQ | 104.7180, 35.1240, -19.8200 |

Conversions

Conversions Part 2

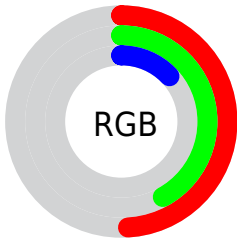
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 54, 126, 32 |
| Decimal | 8285216 |
| CIELab | 46.00, -1.74, 42.92 |
| CIElCh | 46, 42.952, 92.321 |
| Yxy | 15.2650, 0.4304, 0.4618 |
| Android (android.graphics.Color) | 4286475296 (0xFF7E6C20) |
| YUV | 104.7180, -35.8500, 18.6643 |
| Hunter-Lab | 39.0705, -3.3728, 21.9423 |

Details

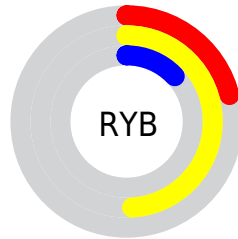
The YUV color **104.7180, -35.8500, 18.6643** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **53.2820, 35.8500, -18.6643**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.8000, -36.8764, 21.2234**, and **57.9330, -28.5610, 14.0908** is the 20% darker color. If you saturate the color by 10%, you get **102.0620, -40.9496, 20.9936**, and if you desaturate by 10%, it is **107.3740, -30.7504, 16.3350**.

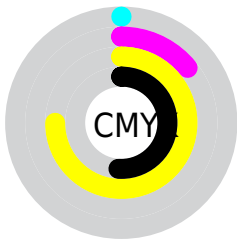
Distribution



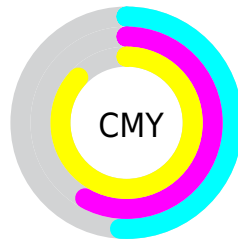
- Red (49%)
- Green (42%)
- Blue (13%)



- Red (21%)
- Yellow (49%)
- Blue (13%)



- Cyan (0%)
- Magenta (14%)
- Yellow (75%)
- Black (51%)



- Cyan (51%)
- Magenta (58%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.7180, -35.8500, 18.6643 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 104.7180, -35.8500, 18.6643 by changing the saturation by 10% instead.

104.7180,
-35.8500, 18.6643

104.7180,
-35.8500, 18.6643

255.0000, 0.0000,
0.0000

79.2510, -37.5917,
17.3199

156.8000,
-36.8764, 21.2234

57.9330, -28.5610,
14.0908

184.1700,
-38.0448, 22.6529

37.8320, -18.6512,
8.9173

212.2410,
-39.0658, 23.4676

18.3290, -9.0362,
4.9735

236.5390,
-37.7337, 16.1903

0.0000, 0.0000,
0.0000

247.2480,
-29.7023, 6.7985

250.4400,

-17.4719, 3.9991

253.7460, -4.8048,
1.0998

104.7180,
-35.8500, 18.6643

104.7180,
-35.8500, 18.6643

102.0620,
-40.9496, 20.9936

107.3740,
-30.7504, 16.3350

98.9330, -45.3230,
23.7378

110.5030,
-26.3770, 13.5909

97.5480, -48.0912,
24.9524

113.1590,
-21.2774, 11.2616

116.2880,
-16.9040, 8.5174

118.9440,
-11.8044, 6.1881

■ 121.6000, -6.7048,
3.8588

■ 124.7290, -2.3314,
1.1147

■ 127.3850, 2.7682,
-1.2146

■ 130.5140, 7.1416,
-3.9588

Harmonies

Analogous

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



107.2400, -30.6843, 41.8855



104.7180, -35.8500, 18.6643



100.8930, -28.0482, -10.4302

Triad

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



104.7180, -35.8500, 18.6643



90.6060, 27.3092, -79.4615



111.9550, 15.3052, 37.7505

Complementary

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



104.7180, -35.8500, 18.6643



53.2820, 35.8500, -18.6643

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.



110.9920, 29.0909, 2.6380



104.7180, -35.8500, 18.6643



90.6350, 40.1129, -79.4869

Square

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



104.7180, -35.8500, 18.6643



87.2030, 11.7319, -76.4770



96.8430, 41.4894, -54.2363



108.9500, -0.4683, 57.0489

Rectangle

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



104.7180, -35.8500, 18.6643



96.1380, -16.3370, -33.4470



96.8430, 41.4894, -54.2363



112.1540, 20.1371, 27.9289

Sweetspot

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



104.7180, -35.8500, 18.6643



154.7870, -13.6990, 7.2028



62.2720, -5.5571, 55.8895



77.1440, -8.4520, 4.2587



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



104.7180, -35.8500, 18.6643



129.8060, -56.1064, 29.1111



106.9120, -36.9316, -7.8158



62.6150, -2.7682, 1.2146



98.7330, -48.6754, 25.6672



0.0000, 0.0000, 0.0000

Inverse Universe

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



53.2820, 35.8500, -18.6643



49.1940, 56.1064, -29.1111



51.0880, 36.9316, 7.8158



58.9720, 2.4788, -1.7294



28.6800, 48.9648, -25.1524



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 104.7180, -35.8500, 18.6643 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 × Fail

Black Background



This preview shows how the YUV color 104.7180, -35.8500, 18.6643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 104.7180, -35.8500, 18.6643

Background



This preview shows how black text looks on a background with the YUV color 104.7180, -35.8500, 18.6643.



This preview shows how white text looks on a background with the YUV color 104.7180, -35.8500, 18.6643.

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

104.7180, -35.8500, 18.6643

Protanopia

104.1090, -35.5497, 15.6904

Deuteranopia

105.8870, -35.4403, 27.2861



Tritanopia

111.1810, -1.0752, 18.2583

Trichromacy



Original Color

104.7180, -35.8500, 18.6643

Protanomaly

104.4080, -35.6971, 16.3052

Deuteranomaly

105.1640, -35.5769, 24.4122

Tritanomaly

109.1520, -13.8789, 18.2837

Monochromacy



Original Color

104.7180, -35.8500, 18.6643

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9010, -13.2622, 7.1028

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.7180, -35.8500, 18.6643 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(126, 108, 32)` looks like.

```
.text, #text, p{  
    color:rgb(126, 108, 32)  
}
```

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(126, 108, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 108, 32) }
```

Border

The CSS property to change the border of an element to YUV 104.7180, -35.8500, 18.6643 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(126, 108, 32) }
```


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

```
.border{ border-color:rgb(126, 108, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 108, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 108, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 108, 32);  
box-shadow:4px 4px 4px 4px rgb(126, 108,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 104.7180, -35.8500, 18.6643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 108, 32) }
```

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

```
.background{ background-color: rgb(126,  
108, 32) }
```

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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