

Converting Colors

YUV(100.8250, -18.1547,
-10.3705)

Have a look what the booklet for
YUV(100.8250, -18.1547, -10.3705)
contains.

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Color

**YUV(100.8250, -18.1547,
-10.3705)**

Conversions

Conversions Part 1

Format	Color
Hex	597240
RGB	89, 114, 64
RGB Percent	35%, 45%, 25%
CMY	0.6510, 0.5529, 0.7490
CMYK	0.22, 0.00, 0.44, 0.55
HSL	90°, 28%, 35%
HSV	90°, 44%, 45%
XYZ	11.0626, 14.5286, 7.0717
YIQ	100.8250, 1.1500, -20.8500

Conversions

Conversions Part 2

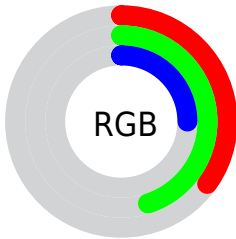
Format	Color
RYB	64, 114, 89
Decimal	5861952
CIELab	44.98, -18.73, 24.75
CIELCh	45, 31.036, 127.118
Yxy	14.5286, 0.3387, 0.4448
Android (android.graphics.Color)	4284052032 (0xFF597240)
YUV	100.8250, -18.1547, -10.3705
Hunter-Lab	38.1165, -14.8977, 15.6815

Details

The YUV color **100.8250, -18.1547, -10.3705** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **77.1750, 18.1547, 10.3705**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.1840, -19.3177, -10.6854**, and **53.4660, -16.9917, -10.0557** is the 20% darker color. If you saturate the color by 10%, you get **97.7770, -22.0751, -12.9594**, and if you desaturate by 10%, it is **103.8730, -14.2344, -7.7816**.

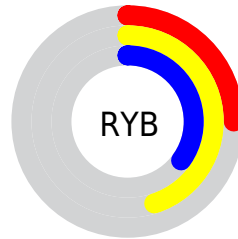
Distribution



Red (35%)

Green (45%)

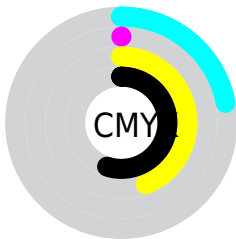
Blue (25%)



Red (25%)

Yellow (45%)

Blue (35%)

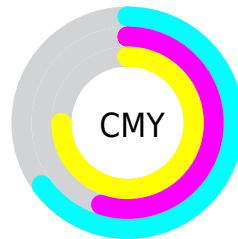


Cyan (22%)

Magenta (0%)

Yellow (44%)

Black (55%)



Cyan (65%)

Magenta (55%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.8250, -18.1547, -10.3705 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 100.8250, -18.1547, -10.3705 by changing the saturation by 10% instead.

■ 100.8250,
-18.1547, -10.3705

■ 100.8250,
-18.1547, -10.3705

■ 255.0000, 0.0000,
0.0000

■ 76.3520, -17.4285,
-9.9557

■ 152.1840,
-19.3177, -10.6854

■ 53.4660, -16.9917,
-10.0557

■ 178.9560,
-20.1913, -10.4854

■ 31.5200, -15.5394,
-9.2260

■ 206.5430,
-20.4807, -11.0002

■ 14.6750, -7.2348,
-12.8700

■ 235.0160,
-21.2069, -11.4150

■ 0.0000, 0.0000,
0.0000

■ 249.8140,
-14.6983, 1.0401

■ 254.3160, -2.6208,

0.5999

■ 100.8250,
-18.1547, -10.3705

■ 100.8250,
-18.1547, -10.3705

■ 97.7770, -22.0751,
-12.9594

■ 103.8730,
-14.2344, -7.7816

■ 94.9140, -26.5796,
-14.8336

■ 106.7360, -9.7298,
-5.9075

■ 91.8660, -30.4999,
-17.4225

■ 109.7840, -5.8095,
-3.3186

■ 88.7040, -34.8571,
-19.9114

■ 112.9460, -1.4524,
-0.8296

■ 85.6560, -38.7774,
-22.5003

■ 115.9940, 2.4680,
1.7593

■ 83.9610, -41.3928,
-23.6448

■ 118.7430, 6.5357,
3.7334

■ 121.9050, 10.8928,
6.2223

■ 124.9530, 14.8132,
8.8112

■ 127.8160, 19.3177,
10.6854

Harmonies

Analogous

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



103.9480, -24.6244, 11.4466



100.8250, -18.1547, -10.3705



95.4010, -5.1277, -35.4317

Triad

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



100.8250, -18.1547, -10.3705



87.4640, 32.8022, -67.9359



107.7540, -3.3297, 41.4347

Complementary

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



100.8250, -18.1547, -10.3705



77.1750, 18.1547, 10.3705

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.



109.7770, 8.4909, 30.0136



100.8250, -18.1547, -10.3705



103.8440, 26.6989, -23.5422

Square

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



100.8250, -18.1547, -10.3705



85.4710, 25.4038, -74.9581



108.7940, 19.3286, 7.1967



106.7680, -14.6756, 40.5455

Rectangle

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



100.8250, -18.1547, -10.3705



89.0590, 6.8729, -57.9337



108.7940, 19.3286, 7.1967



108.7690, 0.6069, 38.7906

Sweetspot

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



100.8250, -18.1547, -10.3705



142.8440, -6.8251, -4.2482



93.6250, -14.6051, 17.8689



70.8380, -4.3571, -2.4889



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



100.8250, -18.1547, -10.3705



127.4470, -28.3214, -16.1780



93.3500, -14.4695, -25.7399



54.4190, -2.1786, -1.2445



88.3800, -43.5713, -24.8893



182.0650, -89.7580, -50.9230

Inverse Universe

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



77.1750, 18.1547, 10.3705



90.5530, 28.3214, 16.1780



84.6500, 14.4696, 25.7400



51.5810, 2.1786, 1.2445



31.6200, 43.5713, 24.8893



65.2340, 89.6106, 51.5378

Previews

White Background



This preview shows how the YUV color 100.8250, -18.1547, -10.3705 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 100.8250, -18.1547, -10.3705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

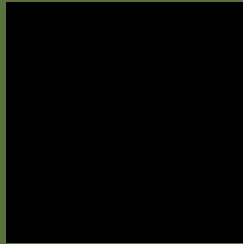
Any Text WCAG AA × Fail

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 100.8250, -18.1547, -10.3705 Background



This preview shows how black text looks on a background with the YUV color 100.8250, -18.1547, -10.3705.



This preview shows how white text looks on a background with the YUV color 100.8250, -18.1547, -10.3705.

-10.3705.

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

100.8250, -18.1547, -10.3705

Protanopia

103.8600, -21.1300, 10.6468

Deuteranopia

105.1970, -18.8311, 19.9982



Tritanopia

105.7370, 5.5527, -7.6623

Trichromacy



Original Color

100.8250, -18.1547, -10.3705

Protanomaly

102.7450, -20.0873, 2.8546

Deuteranomaly

103.8320, -18.6512, 8.9173

Tritanomaly

103.8480, -2.8831, -8.6367

Monochromacy



Original Color

100.8250, -18.1547, -10.3705

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.2570, -6.5357, -3.7334

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.8250, -18.1547, -10.3705 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(89, 114, 64)` looks like.

```
.text, #text, p{  
    color:rgb(89, 114, 64)  
}
```

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(89, 114, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 114, 64) }
```

Border

The CSS property to change the border of an element to YUV 100.8250, -18.1547, -10.3705 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(89, 114, 64) }
```


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

```
.border{ border-color:rgb(89, 114, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 114, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 114, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 114, 64);  
box-shadow:4px 4px 4px 4px rgb(89, 114,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 100.8250, -18.1547, -10.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 114, 64) }
```

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

```
.background{ background-color: rgb(89, 114,  
64) }
```

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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