

Converting Colors

YUV(181.7460, -45.2308,
-5.9162)

Have a look what the booklet for
YUV(181.7460, -45.2308, -5.9162)
contains.

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Color

**YUV(181.7460, -45.2308,
-5.9162)**

Conversions

Conversions Part 1

Format	Color
Hex	AFCB5A
RGB	175, 203, 90
RGB Percent	69%, 80%, 35%
CMY	0.3137, 0.2039, 0.6471
CMYK	0.14, 0.00, 0.56, 0.20
HSL	75°, 52%, 57%
HSV	75°, 56%, 80%
XYZ	40.8806, 52.5640, 17.6641
YIQ	181.7460, 19.5850, -41.0790

Conversions

Conversions Part 2

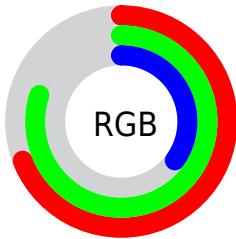
Format	Color
RYB	90, 203, 118
Decimal	11520858
CIELab	77.62, -26.10, 52.33
CIELCh	78, 58.476, 116.506
Yxy	52.5640, 0.3679, 0.4731
Android (android.graphics.Color)	4289710938 (0xFFAFCB5A)
YUV	181.7460, -45.2308, -5.9162
Hunter-Lab	72.5010, -26.2274, 36.3054

Details

The YUV color **181.7460, -45.2308, -5.9162** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **111.2540, 45.2308, 5.9162**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.3550, -45.5310, -2.9423**, and **127.4470, -45.0834, -6.5310** is the 20% darker color. If you saturate the color by 10%, you get **177.9710, -53.2297, -6.9906**, and if you desaturate by 10%, it is **185.5210, -37.2319, -4.8419**.

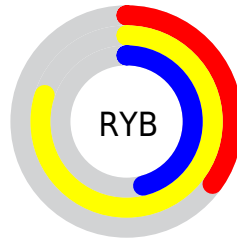
Distribution



Red (69%)

Green (80%)

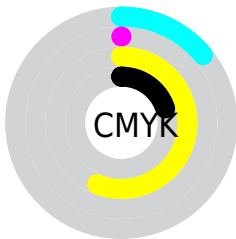
Blue (35%)



Red (35%)

Yellow (80%)

Blue (46%)

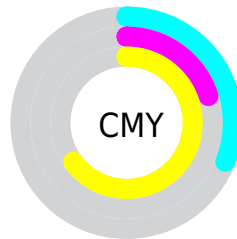


Cyan (14%)

Magenta (0%)

Yellow (56%)

Black (20%)



Cyan (31%)

Magenta (20%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.7460, -45.2308, -5.9162 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 181.7460, -45.2308, -5.9162 by changing the saturation by 10% instead.

■ 181.7460,
-45.2308, -5.9162

■ 181.7460,
-45.2308, -5.9162

255.0000, 0.0000,
0.0000

■ 154.5610,
-44.6466, -6.6310

■ 235.3550,
-45.5310, -2.9423

■ 127.4470,
-45.0834, -6.5310

■ 245.4240,
-36.6910, 8.3982

■ 100.0080,
-49.3039, -6.1460

■ 248.6160,
-24.4607, 5.5988

■ 77.5590, -38.2366,
-9.2602

■ 251.9220,
-11.7935, 2.6994

■ 55.9960, -27.6060,
-12.2745

■ 33.8240, -16.6752,
-18.2626

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 181.7460,
-45.2308, -5.9162

■ 181.7460,
-45.2308, -5.9162

■ 177.9710,
-53.2297, -6.9906

■ 185.5210,
-37.2319, -4.8419

■ 174.0820,
-61.6654, -7.9649

■ 189.4100,
-28.7961, -3.8676

■ 170.3070,
-69.6644, -9.0392

■ 193.1850,
-20.7972, -2.7932

■ 166.5320,
-77.6633, -10.1136

■ 196.9600,
-12.7983, -1.7189

■ 164.9080,
-81.2996, -10.4433

■ 200.8490, -4.3626,
-0.7446

■ 204.6240, 3.6364,
0.3298

■ 208.3990, 11.6353,
1.4041

■ 212.1740, 19.6342,
2.4784

■ 214.0110, 20.2076,
5.2524

Harmonies

Analogous

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



187.2460, -53.3653, 36.6183



181.7460, -45.2308, -5.9162



172.4310, -20.9185, -57.3830

Triad

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



181.7460, -45.2308, -5.9162



153.5140, 50.0326, -134.6318



184.7470, 7.5197, 61.6119

Complementary

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



181.7460, -45.2308, -5.9162



111.2540, 45.2308, 5.9162

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.



197.7080, 26.7660, 48.4911



181.7460, -45.2308, -5.9162



165.0080, 44.3661, -90.3380

Square

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



181.7460, -45.2308, -5.9162



155.2120, 41.3075, -136.1209



190.0450, 32.0228, -4.4245



180.3520, -16.9355, 65.4663

Rectangle

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



181.7460, -45.2308, -5.9162



146.1890, 9.2738, -128.2078



190.0450, 32.0228, -4.4245



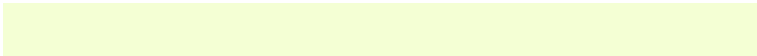
188.0870, 15.2401, 58.6827

Sweetspot

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



181.7460, -45.2308, -5.9162



246.8090, -17.1608, -2.4635



139.0490, -24.1812, 56.0850



122.9430, -10.3249, -1.7040



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



181.7460, -45.2308, -5.9162



222.9480, -68.5014, -8.7244



165.3010, -37.1234, -39.7290



99.9630, -3.9258, -0.8446



134.8170, -66.4648, -8.6095



30.9770, -15.2717, -1.7338

Inverse Universe

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



111.2540, 45.2308, 5.9162



116.0520, 68.5014, 8.7244



127.6990, 37.1234, 39.7290



93.7380, 4.0732, 0.2298



31.1830, 66.4648, 8.6095



7.0230, 15.2717, 1.7338

Previews

White Background



This preview shows how the YUV color 181.7460, -45.2308, -5.9162 looks on a white 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

Black Background



This preview shows how the YUV color 181.7460, -45.2308, -5.9162 looks on a black 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

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

YUV 181.7460, -45.2308, -5.9162 Background



This preview shows how black text looks on a background with the YUV color 181.7460, -45.2308, -5.9162.



This preview shows how white text looks on a background with the YUV color 181.7460, -45.2308, -5.9162.

-5.9162.

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

181.7460, -45.2308, -5.9162

Protanopia

185.8960, -49.2487, 22.8932

Deuteranopia

188.0430, -45.3772, 41.1813



Tritanopia

192.1120, 6.8468, -2.7292

Trichromacy



Original Color

181.7460, -45.2308, -5.9162

Protanomaly

184.4710, -48.0532, 12.7419

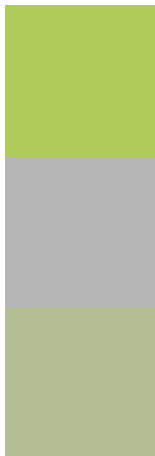
Deuteranomaly

185.9330, -45.3230, 23.7378

Tritanomaly

188.1770, -11.9193, -3.6632

Monochromacy



Original Color

181.7460, -45.2308, -5.9162

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

182.0370, -16.2872, -2.6634

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.7460, -45.2308, -5.9162 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(175, 203, 90)` looks like.

```
.text, #text, p{  
    color:rgb(175, 203, 90)  
}
```

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(175, 203, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 203, 90) }
```

Border

The CSS property to change the border of an element to YUV 181.7460, -45.2308, -5.9162 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(175, 203, 90) }
```


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

```
.border{ border-color:rgb(175, 203, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 203, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 203, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 203, 90);  
box-shadow:4px 4px 4px 4px rgb(175, 203,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 181.7460, -45.2308, -5.9162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 203, 90) }
```

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

```
.background{ background-color: rgb(175,  
203, 90) }
```

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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