

Converting Colors

YUV(188.0460, -16.2917,
45.5637)

Have a look what the booklet for
YUV(188.0460, -16.2917, 45.5637)
contains.

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Color

**YUV(188.0460, -16.2917,
45.5637)**

Conversions

Conversions Part 1

Format	Color
Hex	F0A89B
RGB	240, 168, 155
RGB Percent	94%, 66%, 61%
CMY	0.0588, 0.3412, 0.3922
CMYK	0.00, 0.30, 0.35, 0.06
HSL	9°, 74%, 77%
HSV	9°, 35%, 94%
XYZ	55.8542, 48.8971, 37.5046
YIQ	188.0460, 47.0850, 11.2210

Conversions

Conversions Part 2

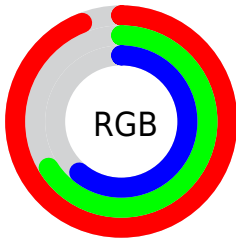
Format	Color
R _Y B	240, 170, 155
Decimal	15771803
CIE Lab	75.39, 24.89, 17.37
CIE LCh	75, 30.352, 34.904
Yxy	48.8971, 0.3926, 0.3437
Android (android.graphics.Color)	4293961883 (0xFFFF0A89B)
YUV	188.0460, -16.2917, 45.5637
Hunter-Lab	69.9265, 20.2067, 17.1487

Details

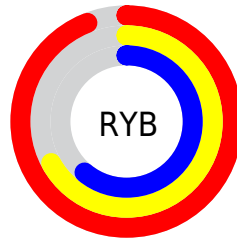
The YUV color $188.0460, -16.2917, 45.5637$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $206.9540, 16.2917, -45.5637$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $231.5590, -11.1216, 20.5578$, and $133.7790, -14.6810, 42.2898$ is the 20% darker color. If you saturate the color by 10%, you get $173.5700, -20.9870, 58.2591$, and if you desaturate by 10%, it is $202.5220, -11.5963, 32.8682$.

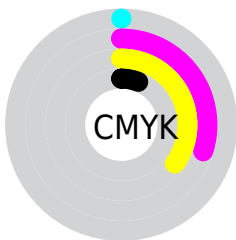
Distribution



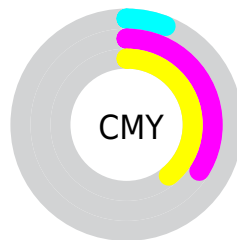
- Red (94%)
- Green (66%)
- Blue (61%)



- Red (94%)
- Yellow (67%)
- Blue (61%)



- Cyan (0%)
- Magenta (30%)
- Yellow (35%)
- Black (6%)



- Cyan (6%)
- Magenta (34%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.0460, -16.2917, 45.5637 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 188.0460, -16.2917, 45.5637 by changing the saturation by 10% instead.

188.0460,
-16.2917, 45.5637

188.0460,
-16.2917, 45.5637

255.0000, 0.0000,
0.0000

160.5620,
-15.5601, 44.2341

231.5590,
-11.1216, 20.5578

133.7790,
-14.6810, 42.2898

251.3010, -6.5574,
3.2440

107.9960,
-13.8020, 40.3455

82.9140, -12.7756,
37.7864

59.1310, -11.8966,
35.8421

35.4620, -10.5808,
33.7978

14.6510, -7.2229,

30.1241

■ 3.8870, -1.9163,
7.9921

■ 0.0000, 0.0000,
0.0000

■ 188.0460,
-16.2917, 45.5637

■ 188.0460,
-16.2917, 45.5637

■ 173.5700,
-20.9870, 58.2591

■ 202.5220,
-11.5963, 32.8682

■ 158.5070,
-25.3930, 71.4694

■ 217.5850, -7.1904,
19.6580

■ 144.0310,
-30.0883, 84.1648

■ 232.0610, -2.4951,
6.9625

■ 129.5550,
-34.7836, 96.8603

■ 246.5370, 2.2003,
-5.7329

■ 114.4920,
-39.1896, 110.0705

■ 250.5150, 2.2111,
-9.2217

■ 100.0160,
-43.8849, 122.7660

■ 93.4790, -46.0851,
128.4989

Harmonies

Analogous

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



189.6620, -3.7774, 45.0234



188.0460, -16.2917, 45.5637



186.3900, -24.8423, 34.7380

Triad

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



188.0460, -16.2917, 45.5637



176.4290, -7.6065, -33.7022



184.1860, 28.0093, -23.8421

Complementary

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



188.0460, -16.2917, 45.5637



206.9540, 16.2917, -45.5637

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.



176.6510, 29.2591, -51.4369



188.0460, -16.2917, 45.5637



172.4230, 8.1725, -54.7450

Square

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



188.0460, -16.2917, 45.5637



180.8530, -20.6335, -8.6411



171.4400, 22.4611, -64.4069



188.9510, 21.2232, 6.1820

Rectangle

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



188.0460, -16.2917, 45.5637



184.4440, -26.8409, 22.4126



171.4400, 22.4611, -64.4069



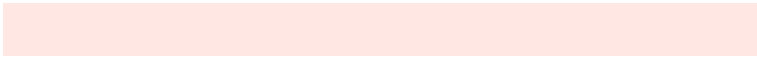
181.7610, 29.2048, -33.9934

Sweetspot

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



188.0460, -16.2917, 45.5637



237.7200, -5.2850, 15.1546



188.6230, 18.9199, 45.0576



117.2570, -3.0847, 9.4216



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.



188.0460, -16.2917, 45.5637



187.8690, -21.1344, 58.8739



212.7000, -28.4461, 23.9421



112.7620, -2.3477, 6.3477



71.4520, -35.2258, 98.7046



22.0270, -10.8593, 29.7943

Inverse Universe

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



206.9540, 16.2917, -45.5637



212.1310, 21.1344, -58.8739



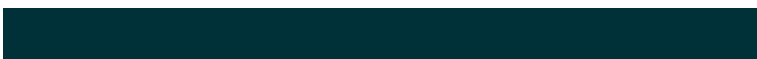
182.3000, 28.4461, -23.9421



115.2380, 2.3477, -6.3477



112.5480, 35.2258, -98.7046



34.5600, 10.5699, -30.3091

Previews

White Background



This preview shows how the YUV color 188.0460, -16.2917, 45.5637 looks on a white background.

Color Contrast Check

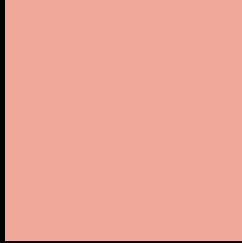
Large Text (above 18pt) WCAG AA × Fail

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 188.0460, -16.2917, 45.5637 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 188.0460, -16.2917, 45.5637

Background



This preview shows how black text looks on a background with the YUV color 188.0460, -16.2917, 45.5637.



This preview shows how white text looks on a background with the YUV color 188.0460, -16.2917, 45.5637.

45.5637.

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

188.0460, -16.2917, 45.5637

Protanopia

186.1830, -10.9362, 7.7325

Deuteranopia

187.0990, -16.8108, 25.3462



Tritanopia

189.3910, -6.1088, 46.1381

Trichromacy



Original Color

188.0460, -16.2917, 45.5637

Protanomaly

186.5160, -12.5794, 21.4725

Deuteranomaly

187.5560, -16.5431, 32.8384

Tritanomaly

188.7670, -9.7451, 45.8083

Monochromacy



Original Color

188.0460, -16.2917, 45.5637

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.2040, -6.0166, 16.4841

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.0460, -16.2917, 45.5637 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(240, 168, 155)` looks like.

```
.text, #text, p{  
    color:rgb(240, 168, 155)  
}
```

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(240, 168, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 168, 155) }
```

Border

The CSS property to change the border of an element to YUV 188.0460, -16.2917, 45.5637 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(240, 168, 155) }
```


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

```
.border{ border-color:rgb(240, 168, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 168, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 168, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 168, 155);  
box-shadow:4px 4px 4px 4px rgb(240, 168,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 188.0460, -16.2917, 45.5637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 168, 155) }
```

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

```
.background{ background-color: rgb(240,  
168, 155) }
```

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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