

Converting Colors

YUV(187.4540, -92.4148,
54.8528)

Have a look what the booklet for
YUV(187.4540, -92.4148, 54.8528)
contains.

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Color

**YUV(187.4540, -92.4148,
54.8528)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC000
RGB	250, 192, 0
RGB Percent	98%, 75%, 0%
CMY	0.0196, 0.2471, 1.0000
CMYK	0.00, 0.23, 1.00, 0.02
HSL	46°, 100%, 49%
HSV	46°, 100%, 98%
XYZ	58.2740, 58.0233, 8.1282
YIQ	187.4540, 96.2000, -47.4160

Conversions

Conversions Part 2

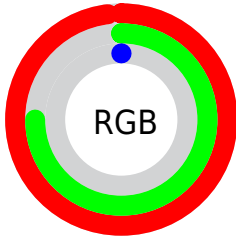
Format	Color
R_{YB}	76, 250, 0
Decimal	16433152
CIE _{Lab}	80.75, 7.73, 82.60
CIE _{LCh}	81, 82.962, 84.653
Yxy	58.0233, 0.4683, 0.4663
Android (android.graphics.Color)	4294623232 (0xFFFA0000)
YUV	187.4540, -92.4148, 54.8528
Hunter-Lab	76.1730, 3.2536, 46.9944

Details

The YUV color **187.4540, -92.4148, 54.8528** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **62.5460, 92.4148, -54.8528**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.3970, -72.6667, 20.6998**, and **137.8050, -67.9379, 44.0210** is the 20% darker color. If you saturate the color by 10%, you get **187.4540, -92.4148, 54.8528**, and if you desaturate by 10%, it is **193.8260, -83.2312, 49.2646**.

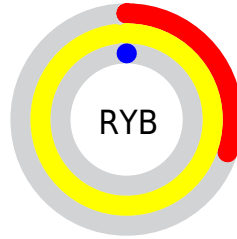
Distribution



Red (98%)

Green (75%)

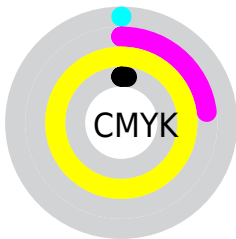
Blue (0%)



Red (30%)

Yellow (98%)

Blue (0%)

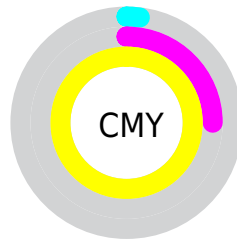


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.4540, -92.4148, 54.8528 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 187.4540, -92.4148, 54.8528 by changing the saturation by 10% instead.

187.4540,
-92.4148, 54.8528

187.4540,
-92.4148, 54.8528

255.0000, 0.0000,
0.0000

162.3360,
-80.0316, 49.6943

231.3970,
-72.6667, 20.6998

137.8050,
-67.9379, 44.0210

238.9260,
-61.5885, 14.0969

114.1600,
-56.2809, 38.4477

242.2320,
-48.9214, 11.1975

91.1020, -44.9133,
32.3595

245.5380,
-36.2542, 8.2982

68.9300, -33.9825,
26.3714

248.8440,
-23.5871, 5.3988

47.9430, -23.6359,
21.0980

252.1500,

27.8420, -13.7261,

-10.9200, 2.4994

15.9246

■ 6.2790, -3.0955,
12.9103

■ 0.0000, 0.0000,
0.0000

■ 187.4540,
-92.4148, 54.8528

■ 193.8260,
-83.2312, 49.2646

■ 200.1980,
-74.0476, 43.6764

■ 205.9830,
-64.5746, 38.6029

■ 212.3550,
-55.3910, 33.0147

■ 218.7270,
-46.2074, 27.4264

■ 225.0990,
-37.0238, 21.8382

■ 231.4710,
-27.8402, 16.2499

■ 237.2560,
-18.3672, 11.1765

■ 243.6280, -9.1836,
5.5882

Harmonies

Analogous

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



178.3730, -52.4419, 67.2019



187.4540, -92.4148, 54.8528



182.5910, -73.7484, -5.7803

Triad

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



187.4540, -92.4148, 54.8528



167.6020, 43.0872, -146.9870



193.3650, 30.3861, 54.0539

Complementary

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



187.4540, -92.4148, 54.8528



62.5460, 92.4148, -54.8528

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.



189.6800, 32.2028, -15.5054



187.4540, -92.4148, 54.8528



164.0800, 44.8236, -143.8982

Square

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



187.4540, -92.4148, 54.8528



159.5080, 12.0746, -139.8885



154.6880, 49.4538, -135.6614



173.2980, 22.0381, 71.6527

Rectangle

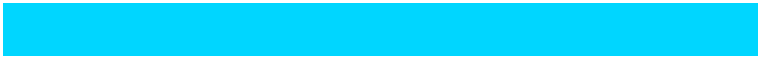
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



187.4540, -92.4148, 54.8528



174.7970, -46.2419, -55.0730



154.6880, 49.4538, -135.6614



199.5120, 27.3556, 46.0320

Sweetspot

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



187.4540, -92.4148, 54.8528



235.7700, -27.9876, 16.8647



81.3620, -11.5175, 147.8955



116.2990, -16.9094, 10.2618



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.



187.4540, -92.4148, 54.8528



191.2970, -94.3094, 55.8675



201.4670, -99.3232, -16.1956



121.7570, -4.8102, 2.8441



141.6260, -69.8216, 41.5470



45.8280, -22.5932, 13.3058

Inverse Universe

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



62.5460, 92.4148, -54.8528



63.7030, 94.3094, -55.8675



48.5330, 99.3232, 16.1956



115.2430, 4.8102, -2.8441



47.3740, 69.8216, -41.5470



15.1720, 22.5932, -13.3058

Previews

White Background



This preview shows how the YUV color 187.4540, -92.4148, 54.8528 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 187.4540, -92.4148, 54.8528 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 187.4540, -92.4148, 54.8528

Background



This preview shows how black text looks on a background with the YUV color 187.4540, -92.4148, 54.8528.



This preview shows how white text looks on a background with the YUV color 187.4540, -92.4148, 54.8528.

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

187.4540, -92.4148, 54.8528

Protanopia

187.0430, -85.8032, 34.1653

Deuteranopia

188.7300, -87.6209, 57.2418



Tritanopia

204.4940, -5.6665, 44.2938

Trichromacy



Original Color

187.4540, -92.4148, 54.8528

Protanomaly

187.4030, -88.4457, 41.7426

Deuteranomaly

188.5620, -89.5101, 56.5121

Tritanomaly

198.2640, -37.1052, 48.0035

Monochromacy



Original Color

187.4540, -92.4148, 54.8528

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.2990, -33.6714, 19.9088

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.4540, -92.4148, 54.8528 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(250, 192, 0)` looks like.

```
.text, #text, p{  
    color:rgb(250, 192, 0)  
}
```

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(250, 192, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 192, 0) }
```

Border

The CSS property to change the border of an element to YUV 187.4540, -92.4148, 54.8528 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(250, 192, 0) }
```


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

```
.border{ border-color:rgb(250, 192, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 192, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 192, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 192, 0);  
box-shadow:4px 4px 4px 4px rgb(250, 192,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 187.4540, -92.4148, 54.8528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 192, 0) }
```

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

```
.background{ background-color: rgb(250,  
192, 0) }
```

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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