

Converting Colors

YUV(177.1430, -87.3315,
57.7566)

Have a look what the booklet for
YUV(177.1430, -87.3315, 57.7566)
contains.

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Color

**YUV(177.1430, -87.3315,
57.7566)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B200
RGB	243, 178, 0
RGB Percent	95%, 70%, 0%
CMY	0.0471, 0.3020, 1.0000
CMYK	0.00, 0.27, 1.00, 0.05
HSL	44°, 100%, 48%
HSV	44°, 100%, 95%
XYZ	52.8825, 50.8955, 7.0366
YIQ	177.1430, 95.8780, -41.5780

Conversions

Conversions Part 2

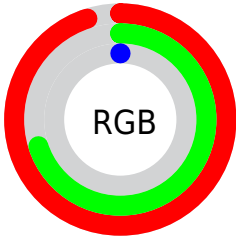
Format	Color
R _Y B	89, 243, 0
Decimal	15970816
CIE Lab	76.62, 12.03, 79.42
CIE LCh	77, 80.329, 81.384
Yxy	50.8955, 0.4772, 0.4593
Android (android.graphics.Color)	4294160896 (0xFFFF3B200)
YUV	177.1430, -87.3315, 57.7566
Hunter-Lab	71.3411, 7.4687, 44.0908

Details

The YUV color **177.1430, -87.3315, 57.7566** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **65.8570, 87.3315, -57.7566**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.2500, -69.6362, 28.7218**, and **128.0810, -63.1439, 46.4100** is the 20% darker color. If you saturate the color by 10%, you get **177.1430, -87.3315, 57.7566**, and if you desaturate by 10%, it is **183.4010, -78.5847, 52.2683**.

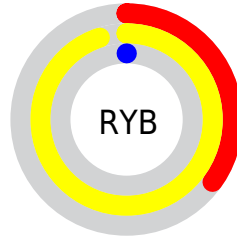
Distribution



Red (95%)

Green (70%)

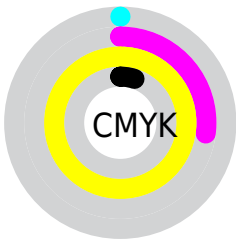
Blue (0%)



Red (35%)

Yellow (95%)

Blue (0%)

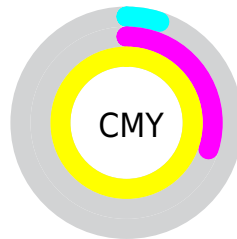


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (30%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.1430, -87.3315, 57.7566 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 177.1430, -87.3315, 57.7566 by changing the saturation by 10% instead.

177.1430,
-87.3315, 57.7566

177.1430,
-87.3315, 57.7566

255.0000, 0.0000,
0.0000

152.0250,
-74.9483, 52.5981

222.2500,
-69.6362, 28.7218

128.0810,
-63.1439, 46.4100

238.4700,
-63.3357, 14.4968

104.4360,
-51.4869, 40.8366

241.7760,
-50.6686, 11.5974

81.3780, -40.1194,
34.7485

244.9680,
-38.4382, 8.7981

60.0920, -29.6254,
28.8603

248.2740,
-25.7711, 5.8987

38.8060, -19.1314,
22.9721

251.6940,

19.5910, -9.6584,

-12.6671, 2.8994

17.8987

■ 0.0000, 0.0000,
0.0000

■ 177.1430,
-87.3315, 57.7566

■ 183.4010,
-78.5847, 52.2683

■ 190.3600,
-69.6905, 46.1653

■ 196.6180,
-60.9437, 40.6770

■ 203.4630,
-52.4863, 34.6739

■ 209.7210,
-43.7395, 29.1857

■ 216.6800,
-34.8452, 23.0826

■ 222.9380,
-26.0984, 17.5944

■ 229.7830,
-17.6410, 11.5913

■ 236.1550, -8.4574,
6.0031

Harmonies

Analogous

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



170.7420, -48.6798, 73.8943



177.1430, -87.3315, 57.7566



171.9510, -76.3908, 1.7970

Triad

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



177.1430, -87.3315, 57.7566



158.3750, 40.7341, -138.8949



189.8430, 32.1224, 57.1427

Complementary

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



177.1430, -87.3315, 57.7566



65.8570, 87.3315, -57.7566

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.



176.9110, 38.4979, -27.9859



177.1430, -87.3315, 57.7566



157.0360, 48.2963, -137.7206

Square

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



177.1430, -87.3315, 57.7566



149.0100, 7.3901, -130.6818



148.8180, 52.3477, -130.5134



168.7330, 22.3166, 75.6562

Rectangle

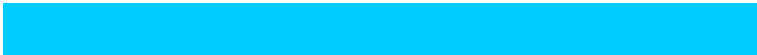
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



177.1430, -87.3315, 57.7566



165.7660, -49.1846, -44.5218



148.8180, 52.3477, -130.5134



188.8140, 32.6297, 34.3661

Sweetspot

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



177.1430, -87.3315, 57.7566



234.5960, -27.4088, 17.8943



80.5230, -5.6808, 142.4923



115.1250, -16.3306, 11.2914



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.



177.1430, -87.3315, 57.7566



186.0140, -91.7049, 60.5007



199.4510, -98.3293, -8.2885



118.8710, -4.3734, 2.7441



135.4460, -66.7749, 44.3359



42.8820, -21.1408, 14.1355

Inverse Universe

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



65.8570, 87.3315, -57.7566



68.9860, 91.7049, -60.5007



43.5490, 98.3293, 8.2885



113.1290, 4.3734, -2.7441



50.5540, 66.7749, -44.3359



16.1180, 21.1408, -14.1355

Previews

White Background



This preview shows how the YUV color 177.1430, -87.3315, 57.7566 looks on a white background.

Color Contrast Check

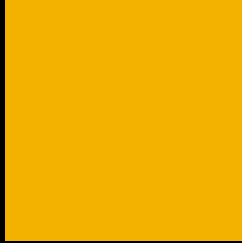
Large Text (above 18pt) WCAG AA × Fail

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 177.1430, -87.3315, 57.7566 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 177.1430, -87.3315, 57.7566

Background



This preview shows how black text looks on a background with the YUV color 177.1430, -87.3315, 57.7566.



This preview shows how white text looks on a background with the YUV color 177.1430, -87.3315, 57.7566.

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



Protanopia

177.1120, -80.4142, 32.3508

Deuteranopia

177.4200, -87.4681, 54.8827

Tritanopia

192.1960, -6.9986, 51.5711

Trichromacy



Protanomaly

177.4830, -83.0621, 41.6724

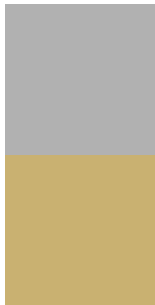
Deuteranomaly

177.1320, -87.3261, 56.0122

Tritanomaly

186.8240, -36.3952, 53.6514

Monochromacy



Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.8800, -31.4928, 21.1532

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.1430, -87.3315, 57.7566 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(243, 178, 0)` looks like.

```
.text, #text, p{  
    color:rgb(243, 178, 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(243, 178, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 178, 0) }
```

Border

The CSS property to change the border of an element to YUV 177.1430, -87.3315, 57.7566 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(243, 178, 0) }
```

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

```
.border{ border-color:rgb(243, 178, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 178, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 178, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 178, 0);  
box-shadow:4px 4px 4px 4px rgb(243, 178,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 177.1430, -87.3315, 57.7566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 178, 0) }
```

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

```
.background{ background-color: rgb(243,  
178, 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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