

Converting Colors

YUV(190.1220, -35.0631,
46.3740)

Have a look what the booklet for
YUV(190.1220, -35.0631, 46.3740)
contains.

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Color

**YUV(190.1220, -35.0631,
46.3740)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B177
RGB	243, 177, 119
RGB Percent	95%, 69%, 47%
CMY	0.0471, 0.3059, 0.5333
CMYK	0.00, 0.27, 0.51, 0.05
HSL	28°, 84%, 71%
HSV	28°, 51%, 95%
XYZ	56.0141, 51.8309, 24.5049
YIQ	190.1220, 57.9540, -4.0460

Conversions

Conversions Part 2

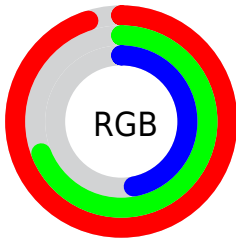
Format	Color
R_{YB}	243, 228, 119
Decimal	15970679
CIE _{Lab}	77.18, 17.57, 39.00
CIE _{LCh}	77, 42.773, 65.754
Yxy	51.8309, 0.4232, 0.3916
Android (android.graphics.Color)	4294160759 (0xFFFF3B177)
YUV	190.1220, -35.0631, 46.3740
Hunter-Lab	71.9937, 12.8915, 30.2147

Details

The YUV color $190.1220, -35.0631, 46.3740$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $171.8780, 35.0631, -46.3740$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $232.6240, -29.8876, 19.6238$, and $135.6700, -32.8683, 42.3854$ is the 20% darker color. If you saturate the color by 10%, you get $179.7550, -41.7842, 55.4659$, and if you desaturate by 10%, it is $200.4890, -28.3421, 37.2821$.

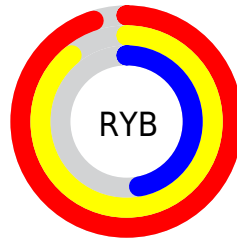
Distribution



Red (95%)

Green (69%)

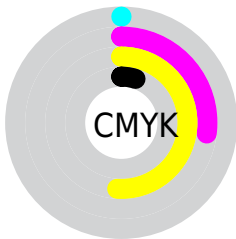
Blue (47%)



Red (95%)

Yellow (89%)

Blue (47%)

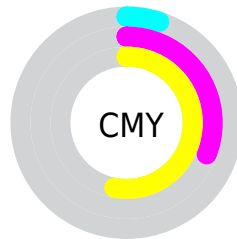


Cyan (0%)

Magenta (27%)

Yellow (51%)

Black (5%)



Cyan (5%)

Magenta (31%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.1220, -35.0631, 46.3740 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 190.1220, -35.0631, 46.3740 by changing the saturation by 10% instead.

190.1220,
-35.0631, 46.3740

190.1220,
-35.0631, 46.3740

255.0000, 0.0000,
0.0000

162.4530,
-33.7473, 44.3297

232.6240,
-29.8876, 19.6238

135.6700,
-32.8683, 42.3854

248.7300,
-24.0239, 5.4988

109.5880,
-31.8419, 39.8263

251.9220,
-11.7935, 2.6994

84.3920, -31.2523,
37.3672

60.4240, -29.7890,
34.7082

40.0240, -19.7318,
28.9200

19.6240, -9.6746,

23.1318

■ 4.1860, -2.0637,
8.6069

■ 0.0000, 0.0000,
0.0000

■ 190.1220,
-35.0631, 46.3740

■ 190.1220,
-35.0631, 46.3740

■ 179.7550,
-41.7842, 55.4659

■ 200.4890,
-28.3421, 37.2821

■ 169.2740,
-48.9421, 64.6577

■ 210.9700,
-21.1842, 28.0903

■ 158.9070,
-55.6632, 73.7496

■ 221.3370,
-14.4631, 18.9985

■ 148.5400,
-62.3842, 82.8414

■ 231.7040, -7.7421,
9.9066

139.5750,
-68.8105, 90.7037

242.0710, -1.0210,
0.8147

251.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



189.7440, -21.5658, 57.2295



190.1220, -35.0631, 46.3740



187.2620, -37.5972, 19.0642

Triad

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



190.1220, -35.0631, 46.3740



163.6460, 16.4435, -94.4055



194.2640, 29.9428, 9.4155

Complementary

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



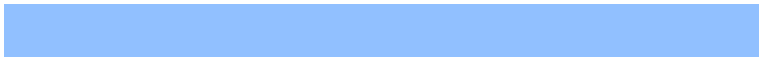
190.1220, -35.0631, 46.3740



171.8780, 35.0631, -46.3740

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.



185.1290, 34.4464, -35.1931



190.1220, -35.0631, 46.3740



150.1740, 42.3122, -131.7026

Square

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



190.1220, -35.0631, 46.3740



175.5640, -9.1521, -51.3606



168.8620, 42.4660, -87.5790



196.2440, 13.6837, 44.5130

Rectangle

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



190.1220, -35.0631, 46.3740



184.3840, -32.7273, -2.9678



168.8620, 42.4660, -87.5790



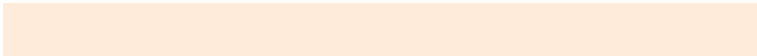
191.8170, 31.1492, -4.2245

Sweetspot

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



190.1220, -35.0631, 46.3740



238.9280, -10.8105, 14.0951



163.6000, 10.5502, 69.6338



117.7470, -6.2843, 8.9919



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.



190.1220, -35.0631, 46.3740



188.4950, -44.1210, 58.3249



226.5160, -53.0054, 14.4565



117.1100, -3.5052, 4.2885



106.6830, -52.5947, 69.5610



33.4900, -16.5106, 22.3723

Inverse Universe

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



171.8780, 35.0631, -46.3740



165.5050, 44.1210, -58.3249



135.4840, 53.0054, -14.4565



115.4770, 3.2158, -4.8033



79.3170, 52.5947, -69.5610



24.9230, 16.8000, -21.8575

Previews

White Background



This preview shows how the YUV color 190.1220, -35.0631, 46.3740 looks on a white background.

Color Contrast Check

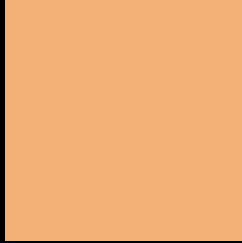
Large Text (above 18pt) WCAG AA × Fail

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 190.1220, -35.0631, 46.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

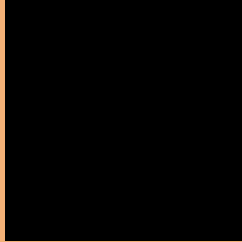
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.1220, -35.0631, 46.3740

Background



This preview shows how black text looks on a background with the YUV color 190.1220, -35.0631, 46.3740.



This preview shows how white text looks on a background with the YUV color 190.1220, -35.0631,

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

190.1220, -35.0631, 46.3740

Protanopia

188.1460, -31.6240, 16.5350

Deuteranopia

189.3550, -35.1780, 36.5227



Tritanopia

194.1030, -5.9668, 47.2677

Trichromacy



Original Color

190.1220, -35.0631, 46.3740

Protanomaly

188.8700, -32.9669, 27.3010

Deuteranomaly

189.3770, -35.1889, 40.0114

Tritanomaly

192.6440, -16.5865, 46.7932

Monochromacy



Original Color

190.1220, -35.0631, 46.3740

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.7820, -12.7105, 16.8542

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.1220, -35.0631, 46.3740 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, 177, 119)` looks like.

```
.text, #text, p{  
    color:rgb(243, 177, 119)  
}
```

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, 177, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 177, 119) }
```

Border

The CSS property to change the border of an element to YUV 190.1220, -35.0631, 46.3740 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, 177, 119) }
```


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

```
.border{ border-color:rgb(243, 177, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 177, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 177, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 177, 119);  
box-shadow:4px 4px 4px 4px rgb(243, 177,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 190.1220, -35.0631, 46.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 177, 119) }
```

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

```
.background{ background-color: rgb(243,  
177, 119) }
```

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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