

Converting Colors

YUV(189.3090, -8.5333,
30.4240)

Have a look what the booklet for
YUV(189.3090, -8.5333, 30.4240)
contains.

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Color

**YUV(189.3090, -8.5333,
30.4240)**

Conversions

Conversions Part 1

Format	Color
Hex	E0AFAC
RGB	224, 175, 172
RGB Percent	88%, 69%, 67%
CMY	0.1216, 0.3137, 0.3255
CMYK	0.00, 0.22, 0.23, 0.12
HSL	3°, 46%, 78%
HSV	3°, 23%, 88%
XYZ	53.5168, 49.4858, 45.7608
YIQ	189.3090, 30.1670, 9.4550

Conversions

Conversions Part 2

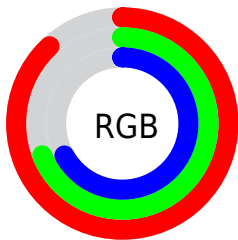
Format	Color
R _Y B	224, 175, 172
Decimal	14725036
CIE Lab	75.75, 17.39, 8.38
CIE LCh	76, 19.307, 25.737
Yxy	49.4858, 0.3597, 0.3326
Android (android.graphics.Color)	4292915116 (0xFFE0AFAC)
YUV	189.3090, -8.5333, 30.4240
Hunter-Lab	70.3461, 12.6907, 10.6736

Details

The YUV color $189.3090, -8.5333, 30.4240$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $206.6910, 8.5333, -30.4240$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.7200, -5.2850, 15.1546$, and $135.5260, -7.6543, 28.4797$ is the 20% darker color. If you saturate the color by 10%, you get $174.4740, -12.0657, 43.4343$, and if you desaturate by 10%, it is $204.1440, -5.0010, 17.4137$.

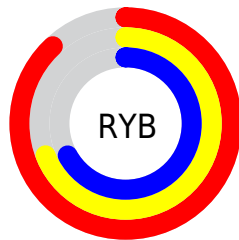
Distribution



Red (88%)

Green (69%)

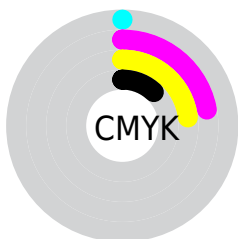
Blue (67%)



Red (88%)

Yellow (69%)

Blue (67%)

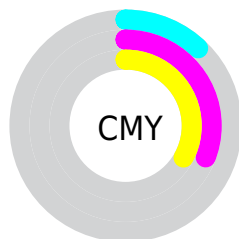


Cyan (0%)

Magenta (22%)

Yellow (23%)

Black (12%)



Cyan (12%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 189.3090, -8.5333, 30.4240 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 189.3090, -8.5333, 30.4240 by changing the saturation by 10% instead.

 189.3090, -8.5333,
30.4240


 189.3090, -8.5333,
30.4240


255.0000, 0.0000,
0.0000


 162.0100, -8.3859,
29.8092


 237.7200, -5.2850,
15.1546

 135.5260, -7.6543,
28.4797

 109.9280, -7.3595,
27.2501

 85.3300, -7.0647,
26.0206

 61.5470, -6.1857,
24.0763

 39.6500, -5.7434,
22.2320

 16.1940, -7.4906,

22.6319

0.0000, 0.0000,
0.0000

189.3090, -8.5333,
30.4240

189.3090, -8.5333,
30.4240

174.4740,
-12.0657, 43.4343

204.1440, -5.0010,
17.4137

159.5250,
-16.0348, 56.5446

219.0930, -1.0318,
4.3034

144.6900,
-19.5672, 69.5549

233.9280, 2.5005,
-8.7069

129.7410,
-23.5363, 82.6651

245.7310, 4.5696,
-19.0581

114.3190,
-26.7793, 96.1902

■ 99.4840, -30.3116,
109.2005

■ 84.5350, -34.2808,
122.3108

■ 74.6070, -36.7813,
131.0177

Harmonies

Analogous

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



189.8770, 0.0606, 27.2949



189.3090, -8.5333, 30.4240



187.9680, -14.7742, 25.4611

Triad

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



189.3090, -8.5333, 30.4240



182.4250, -8.0975, -16.1587



184.9880, 18.2469, -19.2835

Complementary

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



189.3090, -8.5333, 30.4240



206.6910, 8.5333, -30.4240

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.



181.7430, 16.3957, -32.2236



189.3090, -8.5333, 30.4240



180.4540, 1.2552, -29.3392

Square

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



189.3090, -8.5333, 30.4240



184.1020, -14.8403, -0.0895



180.1140, 10.2968, -36.0570



188.3000, 15.1351, -1.1401

Rectangle

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



189.3090, -8.5333, 30.4240



187.3540, -16.9365, 18.9835



180.1140, 10.2968, -36.0570



183.9550, 18.2632, -24.5165

Sweetspot

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



189.3090, -8.5333, 30.4240



242.9690, -2.9427, 10.5512



193.1340, 13.7379, 27.0695



120.8760, -1.9109, 6.2477



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.



189.3090, -8.5333, 30.4240



207.5770, -11.6235, 41.5900



204.5710, -16.0575, 17.0392



104.8760, -1.9109, 6.2477



58.4940, -28.8375, 103.0528



16.1130, -7.9437, 27.9649

Inverse Universe

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



206.6910, 8.5333, -30.4240



231.4230, 11.6235, -41.5900



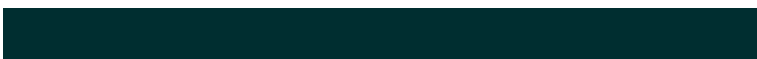
191.4290, 16.0575, -17.0392



108.7110, 1.6215, -6.7625



117.5060, 28.8375, -103.0528



32.4740, 7.6543, -28.4797

Previews

White Background



This preview shows how the YUV color 189.3090, -8.5333, 30.4240 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 189.3090, -8.5333, 30.4240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

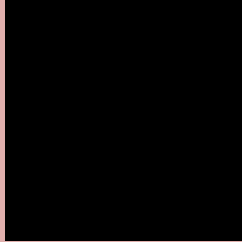
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.3090, -8.5333, 30.4240

Background



This preview shows how black text looks on a background with the YUV color 189.3090, -8.5333, 30.4240.



This preview shows how white text looks on a background with the YUV color 189.3090, -8.5333,

30.4240.

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

189.3090, -8.5333, 30.4240

Protanopia

186.8820, -4.3788, 4.4885

Deuteranopia

188.2430, -8.5008, 19.9579



Tritanopia

190.3290, -2.1342, 31.2835

Trichromacy



Original Color

189.3090, -8.5333, 30.4240

Protanomaly

187.8940, -5.8637, 14.1250

Deuteranomaly

188.5640, -8.6591, 24.0614

Tritanomaly

190.0470, -4.4602, 30.6538

Monochromacy



Original Color

189.3090, -8.5333, 30.4240

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.2680, -3.0901, 11.1660

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.3090, -8.5333, 30.4240 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(224, 175, 172)` looks like.

```
.text, #text, p{  
    color:rgb(224, 175, 172)  
}
```

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(224, 175, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 175, 172) }
```

Border

The CSS property to change the border of an element to YUV 189.3090, -8.5333, 30.4240 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(224, 175, 172) }
```


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

```
.border{ border-color:rgb(224, 175, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 175, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 175, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 175, 172);  
box-shadow:4px 4px 4px 4px rgb(224, 175,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 189.3090, -8.5333, 30.4240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 175, 172) }
```

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

```
.background{ background-color: rgb(224,  
175, 172) }
```

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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