

Converting Colors

YUV(189.7650, -6.7861,
30.0241)

Have a look what the booklet for
YUV(189.7650, -6.7861, 30.0241)
contains.

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Color

**YUV(189.7650, -6.7861,
30.0241)**

Conversions

Conversions Part 1

Format	Color
Hex	E0AFB0
RGB	224, 175, 176
RGB Percent	88%, 69%, 69%
CMY	0.1216, 0.3137, 0.3098
CMYK	0.00, 0.22, 0.21, 0.12
HSL	359°, 44%, 78%
HSV	359°, 22%, 88%
XYZ	53.9069, 49.6418, 47.8149
YIQ	189.7650, 28.8830, 10.6990

Conversions

Conversions Part 2

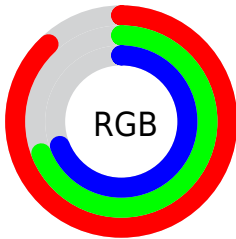
Format	Color
R_{YB}	224, 175, 176
Decimal	14725040
CIE _{Lab}	75.85, 17.98, 6.34
CIE _{LCh}	76, 19.063, 19.429
Yxy	49.6418, 0.3561, 0.3280
Android (android.graphics.Color)	4292915120 (0xFFE0AFB0)
YUV	189.7650, -6.7861, 30.0241
Hunter-Lab	70.4570, 13.2714, 9.0833

Details

The YUV color $189.7650, -6.7861, 30.0241$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $209.2350, 6.7861, -30.0241$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.2900, -3.1010, 14.6547$, and $135.9820, -5.9071, 28.0798$ is the 20% darker color. If you saturate the color by 10%, you get $174.3430, -10.0291, 43.5492$, and if you desaturate by 10%, it is $205.1870, -3.5432, 16.4990$.

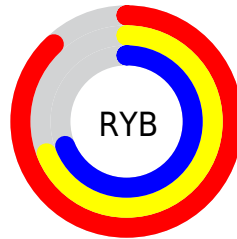
Distribution



Red (88%)

Green (69%)

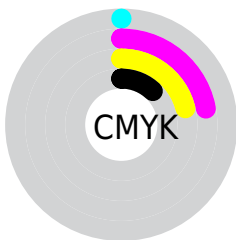
Blue (69%)



Red (88%)

Yellow (69%)

Blue (69%)

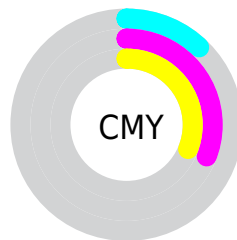


Cyan (0%)

Magenta (22%)

Yellow (21%)

Black (12%)



Cyan (12%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 189.7650, -6.7861, 30.0241 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 189.7650, -6.7861, 30.0241 by changing the saturation by 10% instead.

 189.7650, -6.7861,
30.0241


 189.7650, -6.7861,
30.0241


255.0000, 0.0000,
0.0000


 162.4660, -6.6387,
29.4093


 238.2900, -3.1010,
14.6547

 135.9820, -5.9071,
28.0798

 110.3840, -5.6123,
26.8502

 85.7860, -5.3175,
25.6207

 61.8890, -4.8753,
23.7763

 39.4050, -4.1437,
22.4468

 16.8780, -4.8699,

22.0320

■ 0.0000, 0.0000,
0.0000

■ 189.7650, -6.7861,
30.0241

■ 189.7650, -6.7861,
30.0241

■ 174.3430,
-10.0291, 43.5492

■ 205.1870, -3.5432,
16.4990

■ 158.3340,
-12.9827, 57.5891

■ 221.1960, -0.5896,
2.4591

■ 142.9120,
-16.2256, 71.1142

■ 236.6180, 2.6533,
-11.0660

■ 126.9030,
-19.1792, 85.1541

■ 245.7310, 4.5696,
-19.0581

■ 111.4810,
-22.4221, 98.6792

■ 96.0590, -25.6651,
112.2043

■ 80.0500, -28.6186,
126.2441

■ 67.5460, -30.8352,
137.2102

Harmonies

Analogous

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



190.3220, 1.8133, 25.1506



189.7650, -6.7861, 30.0241



188.3210, -13.4693, 26.9055

Triad

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



189.7650, -6.7861, 30.0241



182.8060, -9.2714, -12.9849



184.2650, 18.1104, -22.1574

Complementary

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



189.7650, -6.7861, 30.0241



209.2350, 6.7861, -30.0241

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.



181.5040, 15.5275, -33.7680



189.7650, -6.7861, 30.0241



181.0090, -0.4974, -27.1949

Square

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



189.7650, -6.7861, 30.0241



184.7110, -15.1405, 2.8845



180.0710, 8.8390, -35.1423



188.0930, 15.7302, -5.3436

Rectangle

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



189.7650, -6.7861, 30.0241



187.8920, -16.2158, 21.1427



180.0710, 8.8390, -35.1423



183.4170, 17.5424, -26.6757

Sweetspot

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



189.7650, -6.7861, 30.0241



242.4960, -2.2165, 10.9660



194.6390, 14.4750, 23.9956



120.4030, -1.1847, 6.6626



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.



189.7650, -6.7861, 30.0241



208.8480, -9.2921, 40.4753



203.1520, -13.8789, 18.2837



104.2890, -1.6215, 6.7625



53.0800, -24.1964, 107.8008



14.4660, -6.6387, 29.4093

Inverse Universe

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



189.7650, -6.7861, 30.0241



208.8480, -9.2921, 40.4753



195.8480, 13.8789, -18.2837



104.2890, -1.6215, 6.7625



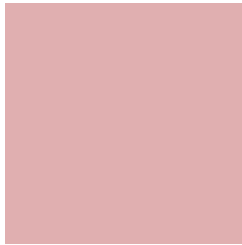
53.0800, -24.1964, 107.8008



14.4660, -6.6387, 29.4093

Previews

White Background



This preview shows how the YUV color 189.7650, -6.7861, 30.0241 looks on a white background.

Color Contrast Check

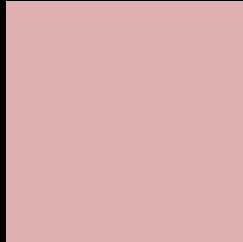
Large Text (above 18pt) WCAG AA × Fail

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 189.7650, -6.7861, 30.0241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

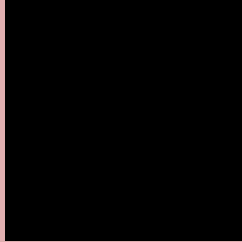
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.7650, -6.7861, 30.0241

Background



This preview shows how black text looks on a background with the YUV color 189.7650, -6.7861, 30.0241.



This preview shows how white text looks on a background with the YUV color 189.7650, -6.7861,

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

189.7650, -6.7861, 30.0241

Protanopia

187.3380, -2.6316, 4.0886

Deuteranopia

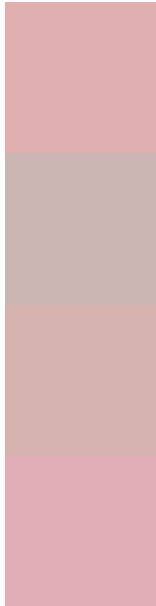
188.9870, -6.8956, 18.4284



Tritanopia

190.1440, -1.5500, 30.5687

Trichromacy



Original Color

189.7650, -6.7861, 30.0241

Protanomaly

188.3500, -4.1165, 13.7251

Deuteranomaly

189.3080, -7.0538, 22.5319

Tritanomaly

190.2750, -3.5866, 30.4538

Monochromacy



Original Color

189.7650, -6.7861, 30.0241

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.0830, -2.5059, 10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.7650, -6.7861, 30.0241 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(224, 175, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 175, 176) }
```

Border

The CSS property to change the border of an element to YUV 189.7650, -6.7861, 30.0241 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, 176) }
```


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

```
.border{ border-color:rgb(224, 175, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 175, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 175, 176);  
box-shadow:4px 4px 4px 4px rgb(224, 175,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 189.7650, -6.7861, 30.0241 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, 176) }
```

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

```
.background{ background-color: rgb(224,  
175, 176) }
```

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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