

Converting Colors

YUV(191.0650, -28.6260,
35.0230)

Have a look what the booklet for
YUV(191.0650, -28.6260, 35.0230)
contains.

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Color

**YUV(191.0650, -28.6260,
35.0230)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B685
RGB	231, 182, 133
RGB Percent	91%, 71%, 52%
CMY	0.0941, 0.2863, 0.4784
CMYK	0.00, 0.21, 0.42, 0.09
HSL	30°, 67%, 71%
HSV	30°, 42%, 91%
XYZ	53.9166, 52.1383, 29.4123
YIQ	191.0650, 44.9330, -4.8510

Conversions

Conversions Part 2

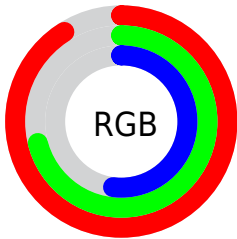
Format	Color
R _Y B	231, 231, 133
Decimal	15185541
CIE Lab	77.36, 11.47, 31.69
CIE LCh	77, 33.699, 70.094
Yxy	52.1383, 0.3980, 0.3849
Android (android.graphics.Color)	4293375621 (0xFFE7B685)
YUV	191.0650, -28.6260, 35.0230
Hunter-Lab	72.2068, 6.9233, 26.3940

Details

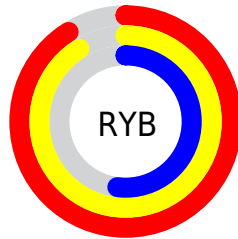
The YUV color $191.0650, -28.6260, 35.0230$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $172.9350, 28.6260, -35.0230$, and the grayscale version is $191.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.2690, -24.7826, 15.5501$, and $136.9120, -26.5786, 31.6492$ is the 20% darker color. If you saturate the color by 10%, you get $181.3990, -35.1997, 43.5001$, and if you desaturate by 10%, it is $200.7310, -22.0524, 26.5459$.

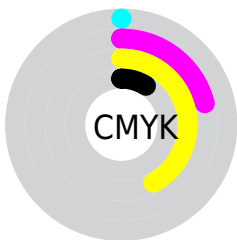
Distribution



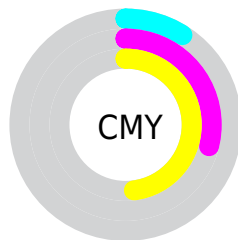
- Red (91%)
- Green (71%)
- Blue (52%)



- Red (91%)
- Yellow (91%)
- Blue (52%)



- Cyan (0%)
- Magenta (21%)
- Yellow (42%)
- Black (9%)



- Cyan (9%)
- Magenta (29%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.0650, -28.6260, 35.0230 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 191.0650, -28.6260, 35.0230 by changing the saturation by 10% instead.

191.0650,
-28.6260, 35.0230

191.0650,
-28.6260, 35.0230

255.0000, 0.0000,
0.0000

163.5810,
-27.8944, 33.6935

237.2690,
-24.7826, 15.5501

136.9120,
-26.5786, 31.6492

250.3260,
-17.9087, 4.0991

111.4280,
-25.8470, 30.3196

253.6320, -5.2416,
1.1997

86.3460, -24.8206,
27.7606

62.4490, -24.3784,
25.9162

40.5780, -20.0050,
23.1721

21.0640, -10.3846,

17.4839

■ 0.0000, 0.0000,
0.0000

■ 191.0650,
-28.6260, 35.0230

■ 191.0650,
-28.6260, 35.0230

■ 181.3990,
-35.1997, 43.5001

■ 200.7310,
-22.0524, 26.5459

■ 172.3200,
-42.0628, 51.4624

■ 209.8100,
-15.1893, 18.5836

■ 162.6540,
-48.6364, 59.9394

■ 219.4760, -8.6157,
10.1065

■ 153.5750,
-55.4995, 67.9017

■ 228.5550, -1.7526,
2.1443

■ 143.9090,
-62.0731, 76.3788

■ 238.3350, 5.2578,
-6.4328

■ 137.1610,
-67.6204, 82.2968

■ 245.4760, 4.6953,
-12.6955

■ 247.8240, 3.5378,
-14.7546

Harmonies

Analogous

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



192.7430, -20.0863, 49.3374



191.0650, -28.6260, 35.0230



188.3950, -29.2817, 11.9316

Triad

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



191.0650, -28.6260, 35.0230



174.6110, 13.0098, -66.3108



194.8100, 21.7857, 12.4446

Complementary

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



191.0650, -28.6260, 35.0230



172.9350, 28.6260, -35.0230

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.



189.8920, 30.6192, -20.9533



191.0650, -28.6260, 35.0230



174.0520, 27.5824, -73.7136

Square

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



191.0650, -28.6260, 35.0230



179.9440, -5.3954, -42.9239



181.3670, 33.3431, -54.6959



195.5330, 8.6112, 38.1206

Rectangle

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



191.0650, -28.6260, 35.0230



186.1370, -24.7175, -5.3821



181.3670, 33.3431, -54.6959



193.9550, 25.1652, 1.7935

Sweetspot

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



191.0650, -28.6260, 35.0230



241.2590, -9.4947, 12.0509



167.8880, 6.9572, 55.3492



119.1490, -5.9895, 7.7623



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.



191.0650, -28.6260, 35.0230



202.0250, -37.9733, 46.4591



219.8280, -42.8062, 9.7978



110.1100, -3.5052, 4.2885



105.7640, -52.1417, 64.2280



30.5110, -15.0419, 17.9689

Inverse Universe

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



172.9350, 28.6260, -35.0230



177.9750, 37.9733, -46.4591



144.1720, 42.8062, -9.7978



107.8900, 3.5052, -4.2885



72.6490, 52.4310, -63.7132



21.0760, 14.7525, -18.4837

Previews

White Background



This preview shows how the YUV color 191.0650, -28.6260, 35.0230 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 191.0650, -28.6260, 35.0230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

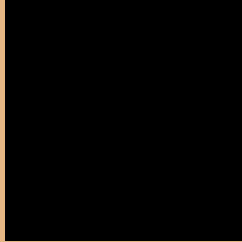
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.0650, -28.6260, 35.0230

Background



This preview shows how black text looks on a background with the YUV color 191.0650, -28.6260, 35.0230.



This preview shows how white text looks on a background with the YUV color 191.0650, -28.6260,

35.0230.

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

191.0650, -28.6260, 35.0230

Protanopia

189.3290, -25.7982, 14.6205

Deuteranopia

190.7550, -28.4732, 32.6639



Tritanopia

194.7210, -3.3135, 36.2017

Trichromacy



Original Color

191.0650, -28.6260, 35.0230

Protanomaly

190.1450, -26.6935, 21.7978

Deuteranomaly

191.0540, -28.6206, 33.2786

Tritanomaly

193.6040, -12.6228, 35.4273

Monochromacy



Original Color

191.0650, -28.6260, 35.0230

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.3300, -10.5157, 12.8656

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.0650, -28.6260, 35.0230 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(231, 182, 133)` looks like.

```
.text, #text, p{  
    color:rgb(231, 182, 133)  
}
```

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(231, 182, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 182, 133) }
```

Border

The CSS property to change the border of an element to YUV 191.0650, -28.6260, 35.0230 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(231, 182, 133) }
```


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

```
.border{ border-color:rgb(231, 182, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 182, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 182, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 182, 133);  
box-shadow:4px 4px 4px 4px rgb(231, 182,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 191.0650, -28.6260, 35.0230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 182, 133) }
```

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

```
.background{ background-color: rgb(231,  
182, 133) }
```

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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