

Converting Colors

YUV(213.1360, -29.6470,
35.8377)

Have a look what the booklet for
YUV(213.1360, -29.6470, 35.8377)
contains.

YUV(213.1360, -29.6470, 35.8377)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(213.1360, -29.6470,
35.8377)**

Conversions

Conversions Part 1

Format	Color
Hex	FECC99
RGB	254, 204, 153
RGB Percent	100%, 80%, 60%
CMY	0.0039, 0.2000, 0.4000
CMYK	0.00, 0.20, 0.40, 0.00
HSL	30°, 98%, 80%
HSV	30°, 40%, 100%
XYZ	68.2157, 66.5565, 39.3883
YIQ	213.1360, 46.1710, -5.2610

Conversions

Conversions Part 2

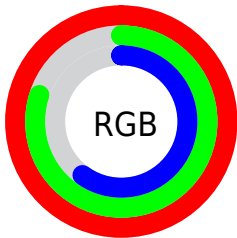
Format	Color
R _Y B	252, 254, 153
Decimal	16698521
CIE Lab	85.28, 11.11, 32.11
CIE LCh	85, 33.983, 70.910
Yxy	66.5565, 0.3917, 0.3822
Android (android.graphics.Color)	4294888601 (0xFFFECC99)
YUV	213.1360, -29.6470, 35.8377
Hunter-Lab	81.5821, 6.4857, 28.4820

Details

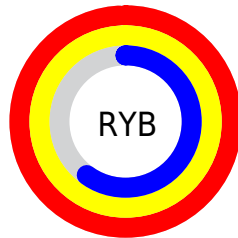
The YUV color $213.1360, -29.6470, 35.8377$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $193.8640, 29.6470, -35.8377$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.6420, -20.5295, 4.6990$, and $158.1680, -28.1838, 33.1787$ is the 20% darker color. If you saturate the color by 10%, you get $202.6550, -36.8049, 45.0296$, and if you desaturate by 10%, it is $223.6170, -22.4892, 26.6459$.

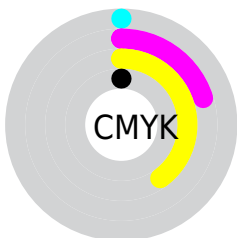
Distribution



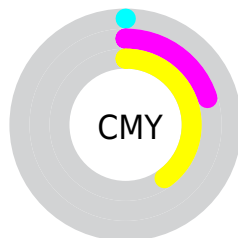
- Red (100%)
- Green (80%)
- Blue (60%)



- Red (99%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.1360, -29.6470, 35.8377 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 213.1360, -29.6470, 35.8377 by changing the saturation by 10% instead.

213.1360,
-29.6470, 35.8377

213.1360,
-29.6470, 35.8377

255.0000, 0.0000,
0.0000

185.6520,
-28.9154, 34.5082

249.6420,
-20.5295, 4.6990

158.1680,
-28.1838, 33.1787

252.8340, -8.2992,
1.8996

131.4990,
-26.8680, 31.1344

106.0150,
-26.1364, 29.8048

81.0470, -24.6732,
27.1458

57.6230, -24.9571,
24.8866

36.4360, -17.9629,

21.5426

■ 16.6340, -8.2006,
16.9840

■ 0.0000, 0.0000,
0.0000

■ 213.1360,
-29.6470, 35.8377

■ 213.1360,
-29.6470, 35.8377

■ 202.6550,
-36.8049, 45.0296

■ 223.6170,
-22.4892, 26.6459

■ 192.6470,
-44.6890, 53.8066

■ 233.6250,
-14.6051, 17.8689

■ 182.1660,
-51.8468, 62.9984

■ 244.1060, -7.4473,
8.6770

■ 172.1580,
-59.7309, 71.7754

■ 254.1140, 0.4368,
-0.1000

■ 161.6770,
-66.8888, 80.9673

254.7010, 0.1474,
-0.6148

■ 151.7830,
-74.3360, 89.6443

■ 151.0820,
-74.4834, 90.2591

Harmonies

Analogous

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



209.7310, -18.6014, 39.7009



213.1360, -29.6470, 35.8377



210.2810, -29.7185, 12.0316

Triad

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



213.1360, -29.6470, 35.8377



197.0130, 13.3046, -67.5404



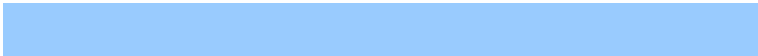
216.7240, 18.8701, 14.2741

Complementary

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



213.1360, -29.6470, 35.8377



193.8640, 29.6470, -35.8377

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.



210.0250, 22.1727, -18.4389



213.1360, -29.6470, 35.8377



197.4650, 27.8718, -73.1988

Square

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



213.1360, -29.6470, 35.8377



201.3460, -5.1006, -44.1534



202.1410, 26.0595, -51.8667



215.7390, 9.4957, 34.4319

Rectangle

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



213.1360, -29.6470, 35.8377



207.7240, -25.0069, -5.8969



202.1410, 26.0595, -51.8667



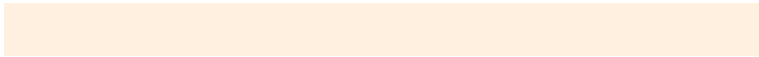
214.2990, 20.0656, 4.1228

Sweetspot

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



213.1360, -29.6470, 35.8377



242.6610, -9.1999, 10.8213



189.0130, 7.3886, 56.9936



120.6650, -5.2578, 6.4328



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.



213.1360, -29.6470, 35.8377



205.2850, -35.6365, 43.6001



242.4860, -44.1166, 10.0978



122.4090, -3.6526, 4.9033



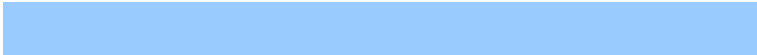
114.0480, -56.2257, 67.4869



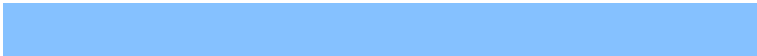
37.9200, -18.6946, 22.8722

Inverse Universe

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



193.8640, 29.6470, -35.8377



182.1280, 35.9259, -43.0853



164.5140, 44.1166, -10.0978



120.0040, 3.9420, -4.3885



77.5390, 55.9363, -68.0017



26.0800, 18.6946, -22.8722

Previews

White Background



This preview shows how the YUV color 213.1360, -29.6470, 35.8377 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 213.1360, -29.6470, 35.8377 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 213.1360, -29.6470, 35.8377

Background



This preview shows how black text looks on a background with the YUV color 213.1360, -29.6470, 35.8377.



This preview shows how white text looks on a background with the YUV color 213.1360, -29.6470,

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

213.1360, -29.6470, 35.8377

Protanopia

211.4000, -26.8192, 15.4352

Deuteranopia

212.8370, -29.4996, 35.2230



Tritanopia

216.6390, -2.2870, 33.6426

Trichromacy



Original Color

213.1360, -29.6470, 35.8377

Protanomaly

212.2160, -27.7145, 22.6126

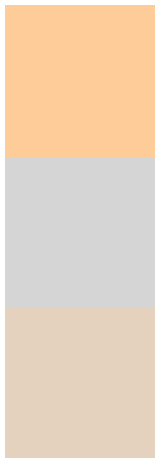
Deuteranomaly

212.8370, -29.4996, 35.2230

Tritanomaly

215.4190, -12.0386, 34.7125

Monochromacy



Original Color

213.1360, -29.6470, 35.8377

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.2160, -10.9525, 12.9656

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.1360, -29.6470, 35.8377 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(254, 204, 153)` looks like.

```
.text, #text, p{  
    color:rgb(254, 204, 153)  
}
```

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(254, 204, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 204, 153) }
```

Border

The CSS property to change the border of an element to YUV 213.1360, -29.6470, 35.8377 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(254, 204, 153) }
```


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

```
.border{ border-color:rgb(254, 204, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 204, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 204, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 204, 153);  
box-shadow:4px 4px 4px 4px rgb(254, 204,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 213.1360, -29.6470, 35.8377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 204, 153) }
```

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

```
.background{ background-color: rgb(254,  
204, 153) }
```

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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