

Converting Colors

YUV(213.1420, -35.5660,
20.9235)

Have a look what the booklet for
YUV(213.1420, -35.5660, 20.9235)
contains.

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Color

**YUV(213.1420, -35.5660,
20.9235)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD78D
RGB	237, 215, 141
RGB Percent	93%, 84%, 55%
CMY	0.0706, 0.1569, 0.4471
CMYK	0.00, 0.09, 0.41, 0.07
HSL	46°, 73%, 74%
HSV	46°, 41%, 93%
XYZ	64.0332, 68.5285, 35.0517
YIQ	213.1420, 36.8660, -18.3500

Conversions

Conversions Part 2

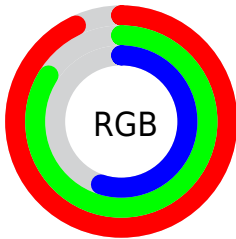
Format	Color
RYB	170, 237, 141
Decimal	15587213
CIELab	86.27, -2.50, 39.26
CIELCh	86, 39.336, 93.641
Yxy	68.5285, 0.3820, 0.4088
Android (android.graphics.Color)	4293777293 (0xFFEDD78D)
YUV	213.1420, -35.5660, 20.9235
Hunter-Lab	82.7819, -6.7957, 32.8427

Details

The YUV color $213.1420, -35.5660, 20.9235$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $164.8580, 35.5660, -20.9235$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1600, -26.2079, 5.9987$, and $157.8860, -33.9608, 19.3940$ is the 20% darker color. If you saturate the color by 10%, you get $207.4710, -44.6022, 25.8969$, and if you desaturate by 10%, it is $218.8130, -26.5298, 15.9500$.

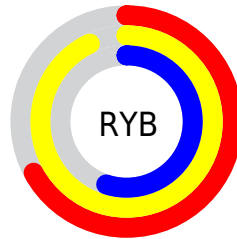
Distribution



Red (93%)

Green (84%)

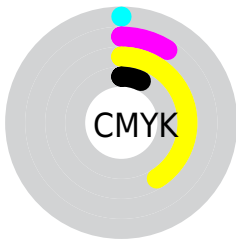
Blue (55%)



Red (67%)

Yellow (93%)

Blue (55%)

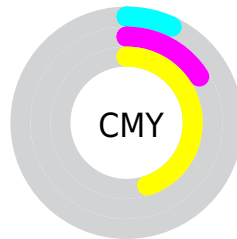


Cyan (0%)

Magenta (9%)

Yellow (41%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.1420, -35.5660, 20.9235 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 213.1420, -35.5660, 20.9235 by changing the saturation by 10% instead.

■ 213.1420,
-35.5660, 20.9235

■ 213.1420,
-35.5660, 20.9235

■ 255.0000, 0.0000,
0.0000

■ 185.0710,
-34.5450, 20.1087

■ 248.1600,
-26.2079, 5.9987

■ 157.8860,
-33.9608, 19.3940

■ 251.4660,
-13.5407, 3.0993

■ 131.5160,
-32.7924, 17.9645

■ 254.7720, -0.8736,
0.2000

■ 106.0320,
-32.0608, 16.6349

■ 80.9070, -32.4922,
14.9906

■ 58.2210, -28.7030,
12.9612

■ 37.8320, -18.6512,

8.9173

■ 18.6170, -9.1782,
3.8439

■ 0.0000, 0.0000,
0.0000

■ 213.1420,
-35.5660, 20.9235

■ 213.1420,
-35.5660, 20.9235

■ 207.4710,
-44.6022, 25.8969

■ 218.8130,
-26.5298, 15.9500

■ 201.3270,
-52.9122, 31.2852

■ 224.9570,
-18.2198, 10.5617

■ 195.6560,
-61.9484, 36.2587

■ 230.6280, -9.1836,
5.5882

■ 189.3980,
-70.6952, 41.7470

■ 236.8860, -0.4368,
0.1000

■ 183.7270,
-79.7314, 46.7204

■ 241.9870, 6.4154,
-4.3736

■ 178.2840,
-87.8940, 51.4939

■ 245.5090, 4.6791,
-7.4624

■ 248.4440, 3.2321,
-10.0364

■ 249.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



211.9190, -30.5261, 37.7820



213.1420, -35.5660, 20.9235



209.0070, -27.6115, -10.5301

Triad

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



213.1420, -35.5660, 20.9235



192.7290, 30.6996, -93.6013



218.0360, 15.7583, 32.4174

Complementary

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



213.1420, -35.5660, 20.9235



164.8580, 35.5660, -20.9235

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.



217.2780, 18.5969, 8.5262



213.1420, -35.5660, 20.9235



198.1770, 28.0137, -72.0692

Square

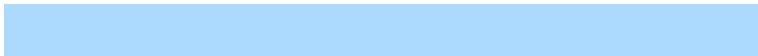
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213.1420, -35.5660, 20.9235



196.0890, 11.2951, -76.3771



208.4640, 22.9422, -31.9789



210.8830, 1.0437, 38.6906

Rectangle

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



213.1420, -35.5660, 20.9235



205.2090, -17.3580, -32.6323



208.4640, 22.9422, -31.9789



220.3670, 17.0741, 30.3731

Sweetspot

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



213.1420, -35.5660, 20.9235



247.3570, -11.5150, 6.7029



172.2120, -4.5415, 56.8191



123.0130, -6.4154, 4.3736



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.



213.1420, -35.5660, 20.9235



223.7270, -46.2074, 27.4264



218.2820, -38.1000, -6.3863



114.5720, -4.2260, 2.1294



136.2990, -67.1954, 39.2028



40.2130, -19.8250, 12.0912

Inverse Universe

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



164.8580, 35.5660, -20.9235



161.2730, 46.2074, -27.4264



159.7180, 38.1000, 6.3863



108.4280, 4.2260, -2.1294



44.7010, 67.1954, -39.2028



13.2000, 20.1144, -11.5764

Previews

White Background



This preview shows how the YUV color 213.1420, -35.5660, 20.9235 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 213.1420, -35.5660, 20.9235 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 213.1420, -35.5660, 20.9235

Background



This preview shows how black text looks on a background with the YUV color 213.1420, -35.5660, 20.9235.



This preview shows how white text looks on a background with the YUV color 213.1420, -35.5660,

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

213.1420, -35.5660, 20.9235

Protanopia

213.1310, -35.5606, 19.1791

Deuteranopia

215.1960, -30.6626, 34.9081



Tritanopia

219.0830, 0.9451, 23.6062

Trichromacy



Original Color

213.1420, -35.5660, 20.9235

Protanomaly

213.4300, -35.7080, 19.7939

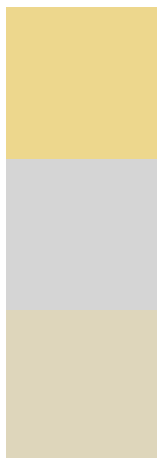
Deuteranomaly

214.4080, -32.2461, 29.4602

Tritanomaly

217.2280, -12.4374, 22.6020

Monochromacy



Original Color

213.1420, -35.5660, 20.9235

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.3140, -12.9728, 7.6176

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.1420, -35.5660, 20.9235 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(237, 215, 141)` looks like.

```
.text, #text, p{  
    color:rgb(237, 215, 141)  
}
```

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(237, 215, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 215, 141) }
```

Border

The CSS property to change the border of an element to YUV 213.1420, -35.5660, 20.9235 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(237, 215, 141) }
```


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

```
.border{ border-color:rgb(237, 215, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 215, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 215, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 215, 141);  
box-shadow:4px 4px 4px 4px rgb(237, 215,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 213.1420, -35.5660, 20.9235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 215, 141) }
```

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

```
.background{ background-color: rgb(237,  
215, 141) }
```

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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