

Converting Colors

YUV(204.8040, -29.4834,
29.9899)

Have a look what the booklet for
YUV(204.8040, -29.4834, 29.9899)
contains.

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Color

**YUV(204.8040, -29.4834,
29.9899)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC791
RGB	239, 199, 145
RGB Percent	94%, 78%, 57%
CMY	0.0627, 0.2196, 0.4314
CMYK	0.00, 0.17, 0.39, 0.06
HSL	34°, 75%, 75%
HSV	34°, 39%, 94%
XYZ	61.1309, 61.2419, 35.3870
YIQ	204.8040, 41.1740, -8.3140

Conversions

Conversions Part 2

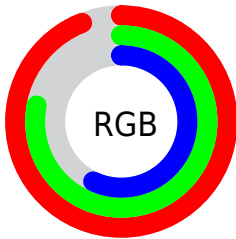
Format	Color
R _Y B	215, 239, 145
Decimal	15714193
CIE Lab	82.51, 6.99, 32.34
CIE LCh	83, 33.082, 77.802
Yxy	61.2419, 0.3875, 0.3882
Android (android.graphics.Color)	4293904273 (0xFFEFC791)
YUV	204.8040, -29.4834, 29.9899
Hunter-Lab	78.2572, 2.4857, 27.9698

Details

The YUV color $204.8040, -29.4834, 29.9899$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $179.1960, 29.4834, -29.9899$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.6160, -24.4607, 5.5988$, and $149.9500, -27.5833, 27.2309$ is the 20% darker color. If you saturate the color by 10%, you get $196.1980, -37.0726, 37.5374$, and if you desaturate by 10%, it is $213.4100, -21.8941, 22.4424$.

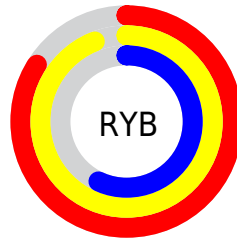
Distribution



Red (94%)

Green (78%)

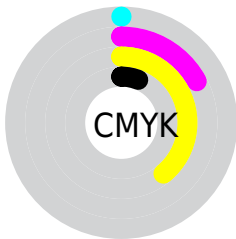
Blue (57%)



Red (84%)

Yellow (94%)

Blue (57%)

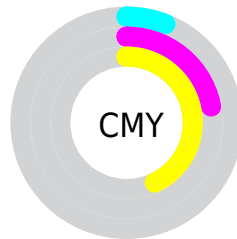


Cyan (0%)

Magenta (17%)

Yellow (39%)

Black (6%)



Cyan (6%)

Magenta (22%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.8040, -29.4834, 29.9899 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 204.8040, -29.4834, 29.9899 by changing the saturation by 10% instead.

204.8040,
-29.4834, 29.9899

204.8040,
-29.4834, 29.9899

255.0000, 0.0000,
0.0000

177.3200,
-28.7518, 28.6604

248.6160,
-24.4607, 5.5988

149.9500,
-27.5833, 27.2309

251.9220,
-11.7935, 2.6994

124.4660,
-26.8517, 25.9013

98.6830, -25.9727,
23.9570

74.1990, -25.2411,
22.6275

50.8890, -25.0883,
20.2683

31.0870, -15.3259,

15.7097

■ 9.2360, -4.5533,
13.8250

■ 0.0000, 0.0000,
0.0000

■ 204.8040,
-29.4834, 29.9899

■ 204.8040,
-29.4834, 29.9899

■ 196.1980,
-37.0726, 37.5374

■ 213.4100,
-21.8941, 22.4424

■ 187.5920,
-44.6619, 45.0848

■ 222.0160,
-14.3049, 14.8950

■ 178.3990,
-51.9617, 53.1471

■ 231.2090, -7.0050,
6.8327

■ 169.7930,
-59.5509, 60.6945

■ 239.8150, 0.5842,
-0.7148

■ 161.1870,
-67.1402, 68.2420

■ 247.2810, 3.8055,
-7.2624

■ 152.6950,
-74.2926, 75.6895

■ 250.2160, 2.3585,
-9.8364

■ 151.8800,
-74.8768, 76.4042

Harmonies

Analogous

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



205.5420, -21.9592, 43.3747



204.8040, -29.4834, 29.9899



201.5190, -27.3709, 5.6838

Triad

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



204.8040, -29.4834, 29.9899



188.9250, 16.7990, -68.3402



209.6430, 18.4170, 19.6071

Complementary

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



204.8040, -29.4834, 29.9899



179.1960, 29.4834, -29.9899

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.



205.0520, 24.6244, -11.4466



204.8040, -29.4834, 29.9899



190.8400, 29.1659, -68.2657

Square

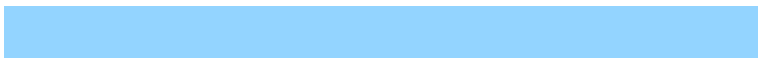
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



204.8040, -29.4834, 29.9899



193.3500, -1.1585, -48.5419



197.4670, 28.3638, -44.2596



209.2190, 4.8220, 40.1499

Rectangle

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



204.8040, -29.4834, 29.9899



199.1900, -21.7857, -12.4446



197.4670, 28.3638, -44.2596



208.6140, 22.3753, 9.9855

Sweetspot

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



204.8040, -29.4834, 29.9899



243.8350, -9.7787, 9.7917



177.7800, 4.0525, 53.6899



121.2520, -5.5472, 5.9180



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.



204.8040, -29.4834, 29.9899



211.3830, -37.6568, 38.2521



226.4900, -40.1746, 5.7093



115.6970, -3.7946, 3.7737



116.6510, -57.5089, 59.0651



35.5280, -17.5153, 17.9539

Inverse Universe

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



179.1960, 29.4834, -29.9899



178.6170, 37.6568, -38.2521



157.5100, 40.1746, -5.7093



112.3030, 3.7946, -3.7737



66.7620, 57.7983, -58.5503



20.4720, 17.5153, -17.9539

Previews

White Background



This preview shows how the YUV color 204.8040, -29.4834, 29.9899 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 204.8040, -29.4834, 29.9899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

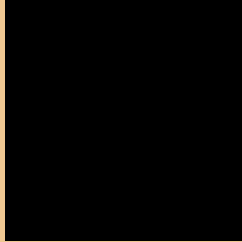
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.8040, -29.4834, 29.9899

Background



This preview shows how black text looks on a background with the YUV color 204.8040, -29.4834, 29.9899.



This preview shows how white text looks on a background with the YUV color 204.8040, -29.4834,

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

204.8040, -29.4834, 29.9899

Protanopia

203.2860, -27.2560, 15.5352

Deuteranopia

205.1250, -29.6416, 34.0934



Tritanopia

208.8560, -1.4080, 31.6983

Trichromacy



Original Color

204.8040, -29.4834, 29.9899

Protanomaly

204.0910, -28.1459, 20.9682

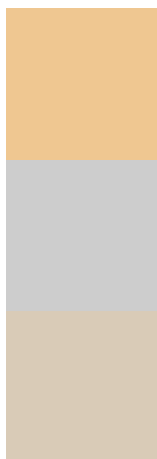
Deuteranomaly

205.1140, -29.6362, 32.3490

Tritanomaly

207.5110, -11.5909, 31.1239

Monochromacy



Original Color

204.8040, -29.4834, 29.9899

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.9060, -10.7997, 10.6064

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.8040, -29.4834, 29.9899 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(239, 199, 145)` looks like.

```
.text, #text, p{  
    color:rgb(239, 199, 145)  
}
```

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(239, 199, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 199, 145) }
```

Border

The CSS property to change the border of an element to YUV 204.8040, -29.4834, 29.9899 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(239, 199, 145) }
```


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

```
.border{ border-color:rgb(239, 199, 145) }
```

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

Here you see how a box with a 4 pixel rgb(239, 199, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 199, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 199, 145);  
box-shadow:4px 4px 4px 4px rgb(239, 199,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 204.8040, -29.4834, 29.9899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 199, 145) }
```

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

```
.background{ background-color: rgb(239,  
199, 145) }
```

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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