

Converting Colors

YUV(209.6380, -41.2335,
18.7345)

Have a look what the booklet for
YUV(209.6380, -41.2335, 18.7345)
contains.

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Color

**YUV(209.6380, -41.2335,
18.7345)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D77E
RGB	231, 215, 126
RGB Percent	91%, 84%, 49%
CMY	0.0941, 0.1569, 0.5059
CMYK	0.00, 0.07, 0.45, 0.09
HSL	51°, 69%, 70%
HSV	51°, 45%, 91%
XYZ	61.0213, 67.0962, 29.4733
YIQ	209.6380, 38.1050, -24.2870

Conversions

Conversions Part 2

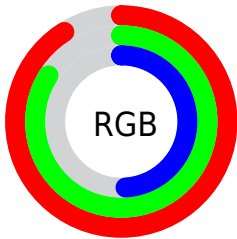
Format	Color
RYB	145, 231, 126
Decimal	15193982
CIELab	85.55, -6.39, 45.71
CIELCh	86, 46.159, 97.955
Yxy	67.0962, 0.3872, 0.4258
Android (android.graphics.Color)	4293384062 (0xFFE7D77E)
YUV	209.6380, -41.2335, 18.7345
Hunter-Lab	81.9122, -10.3711, 36.0051

Details

The YUV color $209.6380, -41.2335, 18.7345$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $147.3620, 41.2335, -18.7345$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.4500, -32.7599, 7.4983$, and $154.4960, -39.1915, 17.1050$ is the 20% darker color. If you saturate the color by 10%, you get $204.6680, -50.1223, 23.0932$, and if you desaturate by 10%, it is $214.6080, -32.3447, 14.3758$.

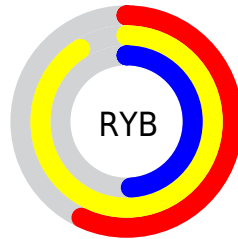
Distribution



Red (91%)

Green (84%)

Blue (49%)



Red (57%)

Yellow (91%)

Blue (49%)

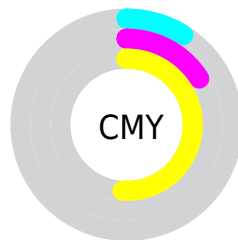


Cyan (0%)

Magenta (7%)

Yellow (45%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.6380, -41.2335, 18.7345 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 209.6380, -41.2335, 18.7345 by changing the saturation by 10% instead.

■ 209.6380,
-41.2335, 18.7345

■ 209.6380,
-41.2335, 18.7345

255.0000, 0.0000,
0.0000

■ 181.5670,
-40.2125, 17.9197

■ 246.4500,
-32.7599, 7.4983

■ 154.4960,
-39.1915, 17.1050

■ 249.6420,
-20.5295, 4.6990

■ 127.8980,
-38.8967, 15.8755

■ 252.9480, -7.8624,
1.7996

■ 102.1860,
-39.0387, 14.7459

■ 77.4030, -38.1597,
12.8016

■ 56.4270, -27.8185,
9.2725

■ 36.6250, -18.0561,

4.7139

■ 16.5130, -8.1409,
-2.2039

■ 0.0000, 0.0000,
0.0000

■ 209.6380,
-41.2335, 18.7345

■ 209.6380,
-41.2335, 18.7345

■ 204.6680,
-50.1223, 23.0932

■ 214.6080,
-32.3447, 14.3758

■ 200.2850,
-59.3005, 26.9371

■ 218.9910,
-23.1666, 10.5319

■ 195.3150,
-68.1893, 31.2957

■ 223.9610,
-14.2778, 6.1732

■ 190.9320,
-77.3675, 35.1396

■ 228.3440, -5.0996,
2.3293

■ 185.8480,
-86.6931, 39.5983

■ 233.4280, 4.2260,
-2.1294

■ 184.1210,
-90.7717, 41.1129

■ 236.6710, 9.0362,
-4.9735

■ 239.0190, 7.8786,
-7.0327

■ 240.7800, 7.0105,
-8.5771

■ 243.1280, 5.8529,
-10.6363

Harmonies

Analogous

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



208.8070, -37.3729, 40.5113



209.6380, -41.2335, 18.7345



204.5670, -30.3525, -18.0373

Triad

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



209.6380, -41.2335, 18.7345



167.0150, 43.3766, -146.4722



212.5250, 17.4892, 37.2506

Complementary

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



209.6380, -41.2335, 18.7345



147.3620, 41.2335, -18.7345

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.



215.2620, 19.5908, 16.4332



209.6380, -41.2335, 18.7345



188.6310, 32.7199, -88.2534

Square

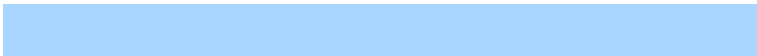
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



209.6380, -41.2335, 18.7345



182.8940, 20.2653, -106.9010



205.2190, 24.5420, -31.7641



204.5740, -0.2830, 44.2236

Rectangle

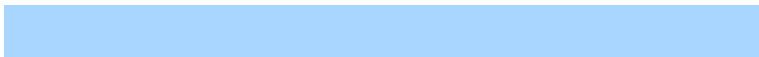
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



209.6380, -41.2335, 18.7345



199.9470, -16.7359, -45.5575



205.2190, 24.5420, -31.7641



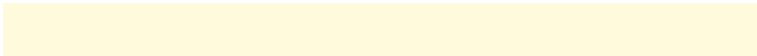
215.6710, 19.3892, 34.4915

Sweetspot

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



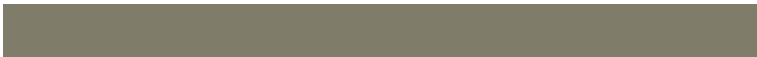
209.6380, -41.2335, 18.7345



247.9610, -14.2778, 6.1732



159.4470, -7.6154, 62.7520



123.1440, -8.4520, 4.2587



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.



209.6380, -41.2335, 18.7345



226.7130, -55.0745, 24.8077



208.5650, -40.7045, -11.0195



112.4580, -4.6628, 2.2293



142.1580, -70.0839, 32.3104



40.4900, -19.9616, 9.2173

Inverse Universe

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



147.3620, 41.2335, -18.7345



143.2870, 55.0745, -24.8077



148.4350, 40.7045, 11.0195



105.5420, 4.6628, -2.2293



36.2550, 70.3733, -31.7956



10.5100, 19.9616, -9.2173

Previews

White Background



This preview shows how the YUV color 209.6380, -41.2335, 18.7345 looks on a white background.

Color Contrast Check

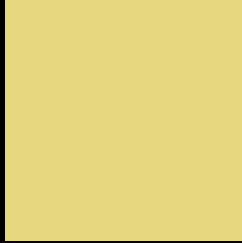
Large Text (above 18pt) WCAG AA × Fail

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 209.6380, -41.2335, 18.7345 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 209.6380, -41.2335, 18.7345

Background



This preview shows how black text looks on a background with the YUV color 209.6380, -41.2335, 18.7345.

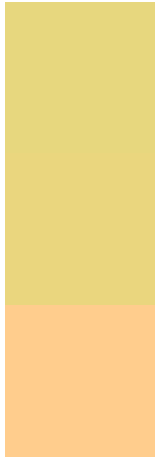


This preview shows how white text looks on a background with the YUV color 209.6380, -41.2335, 18.7345.

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

209.6380, -41.2335, 18.7345

Protanopia

209.9480, -41.3864, 21.0936

Deuteranopia

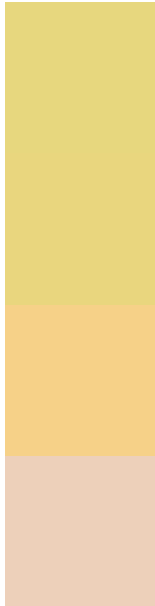
212.6540, -35.3254, 37.1374



Tritanopia

216.8870, 1.5347, 21.1471

Trichromacy



Original Color

209.6380, -41.2335, 18.7345

Protanomaly

209.6490, -41.2390, 20.4788

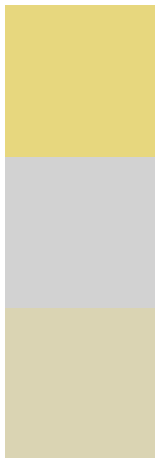
Deuteranomaly

211.7410, -37.3403, 30.0451

Tritanomaly

214.1630, -13.8844, 20.0280

Monochromacy



Original Color

209.6380, -41.2335, 18.7345

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0320, -15.2988, 6.9879

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.6380, -41.2335, 18.7345 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, 215, 126)` looks like.

```
.text, #text, p{  
    color:rgb(231, 215, 126)  
}
```

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, 215, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 215, 126) }
```

Border

The CSS property to change the border of an element to YUV 209.6380, -41.2335, 18.7345 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, 215, 126) }
```


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

```
.border{ border-color:rgb(231, 215, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 215, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 215, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 215, 126);  
box-shadow:4px 4px 4px 4px rgb(231, 215,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 209.6380, -41.2335, 18.7345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 215, 126) }
```

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

```
.background{ background-color: rgb(231,  
215, 126) }
```

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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