

Converting Colors

YUV(206.5780, -40.2180,
19.6641)

Have a look what the booklet for
YUV(206.5780, -40.2180, 19.6641)
contains.

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Color

**YUV(206.5780, -40.2180,
19.6641)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E5D37D |
| RGB | 229, 211, 125 |
| RGB Percent | 90%, 83%, 49% |
| CMY | 0.1020, 0.1725, 0.5098 |
| CMYK | 0.00, 0.08, 0.45, 0.10 |
| HSL | 50°, 67%, 69% |
| HSV | 50°, 45%, 90% |
| XYZ | 59.3090, 64.7272, 28.7697 |
| YIQ | 206.5780, 38.3340, -22.9300 |

Conversions

Conversions Part 2

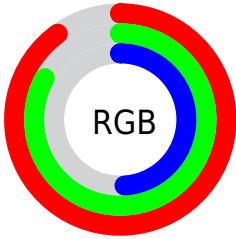
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 147, 229, 125 |
| Decimal | 15061885 |
| CIELab | 84.34, -5.25, 44.67 |
| CIELCh | 84, 44.974, 96.701 |
| Yxy | 64.7272, 0.3881, 0.4236 |
| Android (android.graphics.Color) | 4293251965 (0xFFE5D37D) |
| YUV | 206.5780, -40.2180, 19.6641 |
| Hunter-Lab | 80.4532, -9.2053, 35.1154 |

Details

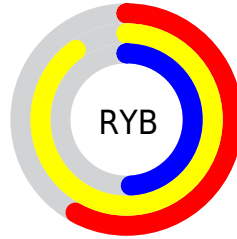
The YUV color $206.5780, -40.2180, 19.6641$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $147.4220, 40.2180, -19.6641$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.3360, -33.1966, 7.5983$, and $152.0230, -38.4653, 17.5198$ is the 20% darker color. If you saturate the color by 10%, you get $201.6080, -49.1067, 24.0228$, and if you desaturate by 10%, it is $211.5480, -31.3292, 15.3054$.

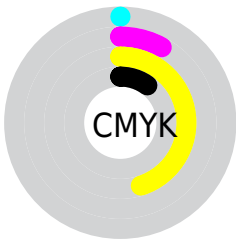
Distribution



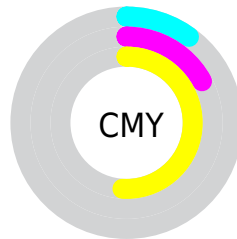
- Red (90%)
- Green (83%)
- Blue (49%)



- Red (58%)
- Yellow (90%)
- Blue (49%)



- Cyan (0%)
- Magenta (8%)
- Yellow (45%)
- Black (10%)



- Cyan (10%)
- Magenta (17%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.5780, -40.2180, 19.6641 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 206.5780, -40.2180, 19.6641 by changing the saturation by 10% instead.

■ 206.5780,
-40.2180, 19.6641

■ 206.5780,
-40.2180, 19.6641

■ 255.0000, 0.0000,
0.0000

■ 178.5070,
-39.1970, 18.8494

■ 246.3360,
-33.1966, 7.5983

■ 152.0230,
-38.4653, 17.5198

■ 249.5280,
-20.9663, 4.7989

■ 125.5390,
-37.7337, 16.1903

■ 252.8340, -8.2992,
1.8996

■ 99.8270, -37.8757,
15.0607

■ 75.0440, -36.9967,
13.1164

■ 54.0680, -26.6555,
9.5874

■ 34.2660, -16.8931,

5.0287

■ 13.8550, -6.8305,
-2.5038

■ 0.0000, 0.0000,
0.0000

■ 206.5780,
-40.2180, 19.6641

■ 206.5780,
-40.2180, 19.6641

■ 201.6080,
-49.1067, 24.0228

■ 211.5480,
-31.3292, 15.3054

■ 196.6380,
-57.9955, 28.3815

■ 216.5180,
-22.4404, 10.9467

■ 191.6680,
-66.8843, 32.7402

■ 221.4880,
-13.5516, 6.5880

■ 186.6980,
-75.7731, 37.0989

■ 226.4580, -4.6628,
2.2293

■ 181.7280,
-84.6619, 41.4575

■ 231.4280, 4.2260,
-2.1294

■ 179.4140,
-88.4511, 43.4869

■ 235.4860, 9.6204,
-5.6882

■ 237.8340, 8.4628,
-7.7474

■ 240.1820, 7.3053,
-9.8066

■ 242.5300, 6.1477,
-11.8658

Harmonies

Analogous

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



206.4590, -36.2153, 42.5705



206.5780, -40.2180, 19.6641



201.6920, -29.9212, -16.3929

Triad

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



206.5780, -40.2180, 19.6641



164.6670, 44.5342, -144.4130



211.0090, 16.7576, 38.5801

Complementary

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



206.5780, -40.2180, 19.6641



147.4220, 40.2180, -19.6641

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.



212.2940, 21.0541, 13.7742



206.5780, -40.2180, 19.6641



186.5710, 33.7355, -87.3238

Square

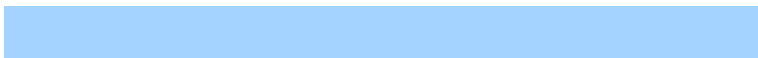
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



206.5780, -40.2180, 19.6641



182.0690, 18.2070, -100.0385



201.9630, 26.1472, -33.2936



203.1720, -0.5778, 45.4532

Rectangle

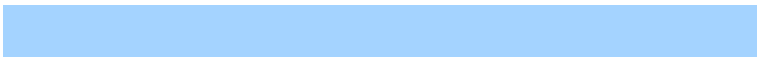
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



206.5780, -40.2180, 19.6641



196.8550, -17.1835, -41.9688



201.9630, 26.1472, -33.2936



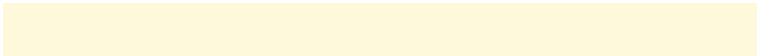
214.4970, 19.9680, 35.5211

Sweetspot

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



206.5780, -40.2180, 19.6641



247.3740, -13.9884, 6.6880



158.2620, -7.0312, 62.0372



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.



206.5780, -40.2180, 19.6641



225.1800, -53.3327, 26.1521



207.2770, -40.5626, -9.8899



112.4580, -4.6628, 2.2293



140.3970, -69.2157, 33.8548



39.9030, -19.6722, 9.7321

Inverse Universe

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



147.4220, 40.2180, -19.6641



146.8200, 53.3327, -26.1521



146.7230, 40.5626, 9.8899



105.5420, 4.6628, -2.2293



38.6030, 69.2157, -33.8548



11.0970, 19.6722, -9.7321

Previews

White Background



This preview shows how the YUV color 206.5780, -40.2180, 19.6641 looks on a white background.

Color Contrast Check

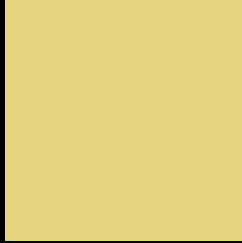
Large Text (above 18pt) WCAG AA × Fail

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 206.5780, -40.2180, 19.6641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

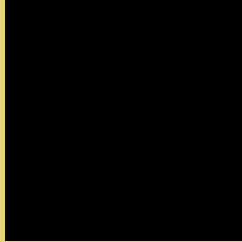
Any Text WCAG AA ✓ Pass

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 206.5780, -40.2180, 19.6641 Background



This preview shows how black text looks on a background with the YUV color 206.5780, -40.2180, 19.6641.

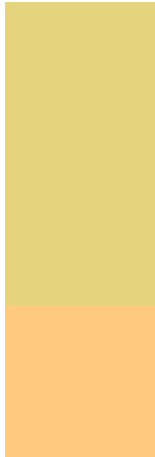


This preview shows how white text looks on a background with the YUV color 206.5780, -40.2180,

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

206.5780, -40.2180, 19.6641

Protanopia

206.8770, -40.3654, 20.2789

Deuteranopia

208.8240, -39.8462, 40.4964



Tritanopia

213.1860, 1.3873, 21.7619

Trichromacy



Original Color

206.5780, -40.2180, 19.6641

Protanomaly

206.8770, -40.3654, 20.2789

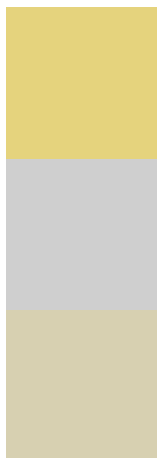
Deuteranomaly

208.3670, -40.1139, 33.0041

Tritanomaly

210.8750, -13.7424, 21.1576

Monochromacy



Original Color

206.5780, -40.2180, 19.6641

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

206.5590, -14.5726, 7.4028

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.5780, -40.2180, 19.6641 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(229, 211, 125)` looks like.

```
.text, #text, p{  
    color:rgb(229, 211, 125)  
}
```

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(229, 211, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 211, 125) }
```

Border

The CSS property to change the border of an element to YUV 206.5780, -40.2180, 19.6641 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(229, 211, 125) }
```


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

```
.border{ border-color:rgb(229, 211, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 211, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 211, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 211, 125);  
box-shadow:4px 4px 4px 4px rgb(229, 211,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 206.5780, -40.2180, 19.6641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 211, 125) }
```

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

```
.background{ background-color: rgb(229,  
211, 125) }
```

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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