

Converting Colors

YUV(206.4040, -39.6392,
20.6937)

Have a look what the booklet for
YUV(206.4040, -39.6392, 20.6937)
contains.

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Color

**YUV(206.4040, -39.6392,
20.6937)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D27E
RGB	230, 210, 126
RGB Percent	90%, 82%, 49%
CMY	0.0980, 0.1765, 0.5059
CMYK	0.00, 0.09, 0.45, 0.10
HSL	48°, 68%, 70%
HSV	48°, 45%, 90%
XYZ	59.4456, 64.4225, 29.0403
YIQ	206.4040, 38.8840, -21.8840

Conversions

Conversions Part 2

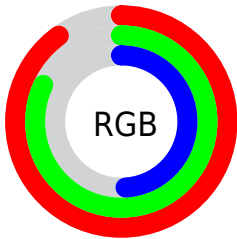
Format	Color
RYB	151, 230, 126
Decimal	15127166
CIELab	84.19, -4.24, 43.99
CIELCh	84, 44.198, 95.505
Yxy	64.4225, 0.3888, 0.4213
Android (android.graphics.Color)	4293317246 (0xFFE6D27E)
YUV	206.4040, -39.6392, 20.6937
Hunter-Lab	80.2637, -8.2591, 34.7327

Details

The YUV color $206.4040, -39.6392, 20.6937$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $149.5960, 39.6392, -20.6937$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.4500, -32.7599, 7.4983$, and $151.8490, -37.8866, 18.5494$ is the 20% darker color. If you saturate the color by 10%, you get $201.4340, -48.5280, 25.0524$, and if you desaturate by 10%, it is $211.3740, -30.7504, 16.3350$.

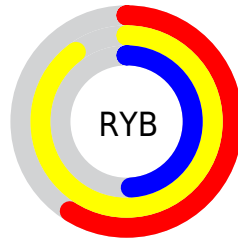
Distribution



Red (90%)

Green (82%)

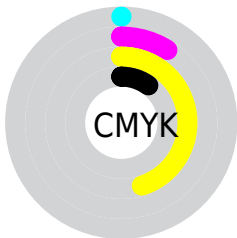
Blue (49%)



Red (59%)

Yellow (90%)

Blue (49%)

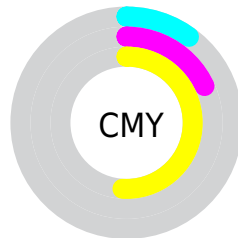


Cyan (0%)

Magenta (9%)

Yellow (45%)

Black (10%)



Cyan (10%)

Magenta (18%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.4040, -39.6392, 20.6937 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 206.4040, -39.6392, 20.6937 by changing the saturation by 10% instead.

■ 206.4040,
-39.6392, 20.6937

■ 206.4040,
-39.6392, 20.6937

255.0000, 0.0000,
0.0000

■ 178.3330,
-38.6182, 19.8790

■ 246.4500,
-32.7599, 7.4983

■ 151.8490,
-37.8866, 18.5494

■ 249.6420,
-20.5295, 4.6990

■ 125.3650,
-37.1549, 17.2199

■ 252.9480, -7.8624,
1.7996

■ 99.6530, -37.2969,
16.0903

■ 74.7560, -36.8547,
14.2460

■ 53.7800, -26.5135,
10.7169

■ 33.9780, -16.7512,

6.1583

■ 13.5670, -6.6885,
-1.3743

■ 0.0000, 0.0000,
0.0000

■ 206.4040,
-39.6392, 20.6937

■ 206.4040,
-39.6392, 20.6937

■ 201.4340,
-48.5280, 25.0524

■ 211.3740,
-30.7504, 16.3350

■ 195.8770,
-57.1274, 29.9259

■ 216.9310,
-22.1510, 11.4615

■ 190.9070,
-66.0162, 34.2846

■ 221.9010,
-13.2622, 7.1028

■ 185.3500,
-74.6155, 39.1581

■ 227.4580, -4.6628,
2.2293

■ 180.3800,
-83.5043, 43.5167

■ 232.4280, 4.2260,
-2.1294

■ 177.9520,
-87.7303, 45.6461

■ 236.9590, 8.8942,
-6.1030

■ 239.3070, 7.7366,
-8.1622

■ 241.6550, 6.5791,
-10.2214

■ 244.5900, 5.1321,
-12.7954

Harmonies

Analogous

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



206.6870, -35.3417, 42.3705



206.4040, -39.6392, 20.6937



201.7030, -29.9266, -14.6485

Triad

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



206.4040, -39.6392, 20.6937



171.2450, 41.2912, -130.8879



211.5960, 16.4682, 38.0653

Complementary

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



206.4040, -39.6392, 20.6937



149.5960, 39.6392, -20.6937

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.



211.3970, 21.4963, 11.9298



206.4040, -39.6392, 20.6937



186.8700, 33.5881, -86.7090

Square

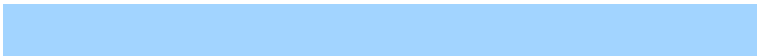
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



206.4040, -39.6392, 20.6937



183.3470, 16.5909, -95.0203



201.9520, 26.1527, -35.0379



203.4000, 0.2958, 45.2532

Rectangle

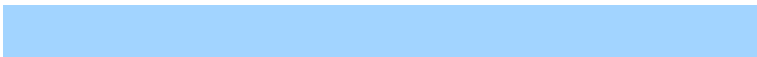
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



206.4040, -39.6392, 20.6937



197.0510, -17.7731, -39.5097



201.9520, 26.1527, -35.0379



215.0840, 19.6786, 35.0063

Sweetspot

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



206.4040, -39.6392, 20.6937



246.7870, -13.6990, 7.2028



159.4900, -6.1576, 61.8373



122.5570, -8.1626, 4.7735



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.



206.4040, -39.6392, 20.6937



224.0060, -52.7540, 27.1817



208.8750, -40.8574, -8.6604



112.4580, -4.6628, 2.2293



138.0490, -68.0582, 35.9140



39.3160, -19.3828, 10.2469

Inverse Universe

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



149.5960, 39.6392, -20.6937



148.5810, 52.4646, -27.6965



147.1250, 40.8574, 8.6604



105.5420, 4.6628, -2.2293



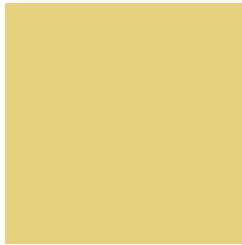
40.3640, 68.3475, -35.3992



11.6840, 19.3828, -10.2469

Previews

White Background



This preview shows how the YUV color 206.4040, -39.6392, 20.6937 looks on a white background.

Color Contrast Check

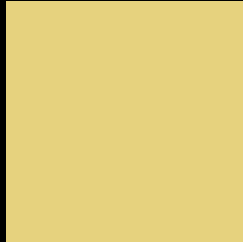
Large Text (above 18pt) WCAG AA × Fail

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 206.4040, -39.6392, 20.6937 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 206.4040, -39.6392, 20.6937

Background



This preview shows how black text looks on a background with the YUV color 206.4040, -39.6392, 20.6937.



This preview shows how white text looks on a background with the YUV color 206.4040, -39.6392, 20.6937.

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

206.4040, -39.6392, 20.6937

Protanopia

206.4040, -39.6392, 20.6937

Deuteranopia

208.5250, -39.6988, 39.8816



Tritanopia

212.7840, 1.0925, 22.9914

Trichromacy



Original Color

206.4040, -39.6392, 20.6937

Protanomaly

206.4040, -39.6392, 20.6937

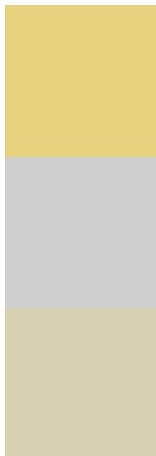
Deuteranomaly

207.4810, -39.6771, 32.9042

Tritanomaly

210.5870, -13.6004, 22.2872

Monochromacy



Original Color

206.4040, -39.6392, 20.6937

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

205.9720, -14.2832, 7.9176

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.4040, -39.6392, 20.6937 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(230, 210, 126)` looks like.

```
.text, #text, p{  
    color:rgb(230, 210, 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(230, 210, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 210, 126) }
```

Border

The CSS property to change the border of an element to YUV 206.4040, -39.6392, 20.6937 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(230, 210, 126) }
```


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

```
.border{ border-color:rgb(230, 210, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 210, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 210, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 210, 126);  
box-shadow:4px 4px 4px 4px rgb(230, 210,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 206.4040, -39.6392, 20.6937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 210, 126) }
```

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

```
.background{ background-color: rgb(230,  
210, 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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