

Converting Colors

YUV(193.1060, -40.9713,
27.9710)

Have a look what the booklet for
YUV(193.1060, -40.9713, 27.9710)
contains.

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Color

**YUV(193.1060, -40.9713,
27.9710)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C16E
RGB	225, 193, 110
RGB Percent	88%, 76%, 43%
CMY	0.1176, 0.2431, 0.5686
CMYK	0.00, 0.14, 0.51, 0.12
HSL	43°, 66%, 66%
HSV	43°, 51%, 88%
XYZ	52.9358, 55.2733, 22.6306
YIQ	193.1060, 45.7150, -19.0290

Conversions

Conversions Part 2

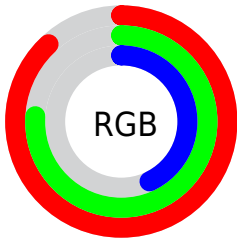
Format	Color
RYB	154, 225, 110
Decimal	14795118
CIELab	79.20, 1.04, 45.67
CIELCh	79, 45.677, 88.696
Yxy	55.2733, 0.4046, 0.4225
Android (android.graphics.Color)	4292985198 (0xFFE1C16E)
YUV	193.1060, -40.9713, 27.9710
Hunter-Lab	74.3460, -3.0101, 33.9945

Details

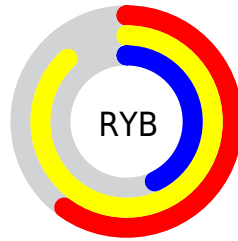
The YUV color **193.1060, -40.9713, 27.9710** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **141.8940, 40.9713, -27.9710**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9900, -38.4491, 12.2868**, and **138.8390, -39.3606, 24.6972** is the 20% darker color. If you saturate the color by 10%, you get **187.0760, -48.8445, 33.2593**, and if you desaturate by 10%, it is **199.2500, -32.6612, 22.5828**.

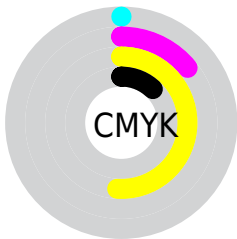
Distribution



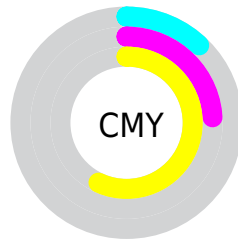
- Red (88%)
- Green (76%)
- Blue (43%)



- Red (60%)
- Yellow (88%)
- Blue (43%)



- Cyan (0%)
- Magenta (14%)
- Yellow (51%)
- Black (12%)



- Cyan (12%)
- Magenta (24%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.1060, -40.9713, 27.9710 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 193.1060, -40.9713, 27.9710 by changing the saturation by 10% instead.

■ 193.1060,
-40.9713, 27.9710

■ 193.1060,
-40.9713, 27.9710

■ 255.0000, 0.0000,
0.0000

■ 165.6220,
-40.2396, 26.6415

■ 240.9900,
-38.4491, 12.2868

■ 138.8390,
-39.3606, 24.6972

■ 247.7040,
-27.9551, 6.3986

■ 112.3550,
-38.6290, 23.3677

■ 250.8960,
-15.7247, 3.5992

■ 86.7740, -40.8076,
22.1232

■ 254.2020, -3.0576,
0.6998

■ 65.0430, -32.0662,
18.3793

■ 44.3550, -21.8670,
13.7207

■ 25.1400, -12.3940,

8.6472

0.0000, 0.0000,
0.0000

193.1060,
-40.9713, 27.9710

193.1060,
-40.9713, 27.9710

187.0760,
-48.8445, 33.2593

199.2500,
-32.6612, 22.5828

180.3450,
-56.8651, 39.1624

205.8670,
-25.0774, 16.7796

174.3150,
-64.7383, 44.4507

212.0110,
-16.7674, 11.3914

168.1710,
-73.0483, 49.8390

218.0410, -8.8942,
6.1030

162.3690,
-80.0479, 54.9274

224.1850, -0.5842,
0.7148

■ 230.8020, 6.9996,
-5.0884

■ 235.4640, 9.6312,
-9.1769

■ 238.9860, 7.8949,
-12.2657

■ 242.5080, 6.1586,
-15.3545

Harmonies

Analogous

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



194.9810, -34.5006, 52.6367



193.1060, -40.9713, 27.9710



188.7210, -33.8795, -6.7713

Triad

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



193.1060, -40.9713, 27.9710



154.8700, 39.9971, -135.8210



202.0030, 19.2255, 40.3394

Complementary

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



193.1060, -40.9713, 27.9710



141.8940, 40.9713, -27.9710

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.



197.4540, 28.3702, 0.4788



193.1060, -40.9713, 27.9710



158.2980, 47.6741, -124.7953

Square

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



193.1060, -40.9713, 27.9710



169.1040, 11.7807, -92.1762



185.0300, 34.4952, -50.8923



194.1390, 2.8895, 53.3751

Rectangle

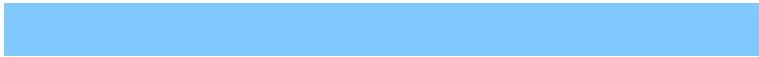
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



193.1060, -40.9713, 27.9710



184.4280, -22.8890, -31.9474



185.0300, 34.4952, -50.8923



201.5330, 25.3732, 28.4736

Sweetspot

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



193.1060, -40.9713, 27.9710



244.2110, -13.4150, 9.4620



148.1470, -2.5375, 67.4001



121.2690, -8.0206, 5.9031



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.



193.1060, -40.9713, 27.9710



211.9750, -55.6967, 37.7329



204.4150, -46.5466, -3.8720



108.9850, -3.9366, 2.6442



127.1730, -62.6963, 42.8213



34.8970, -17.2042, 11.4913

Inverse Universe

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



141.8940, 40.9713, -27.9710



142.6120, 55.4073, -38.2477



130.5850, 46.5466, 3.8720



104.0150, 3.9366, -2.6442



48.8270, 62.6963, -42.8213



13.1030, 17.2042, -11.4913

Previews

White Background



This preview shows how the YUV color 193.1060, -40.9713, 27.9710 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 193.1060, -40.9713, 27.9710 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 193.1060, -40.9713, 27.9710

Background



This preview shows how black text looks on a background with the YUV color 193.1060, -40.9713, 27.9710.



This preview shows how white text looks on a background with the YUV color 193.1060, -40.9713, 27.9710.

27.9710.

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

193.1060, -40.9713, 27.9710

Protanopia

192.2900, -40.0760, 20.7937

Deuteranopia

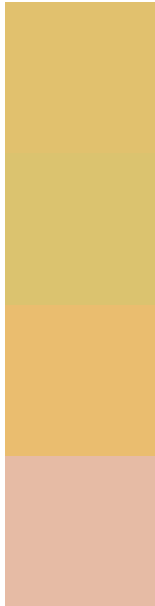
193.8840, -40.8618, 39.5667



Tritanopia

199.5460, -1.2552, 29.3392

Trichromacy



Original Color

193.1060, -40.9713, 27.9710

Protanomaly

192.6000, -40.2288, 23.1528

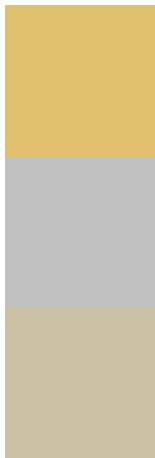
Deuteranomaly

193.5630, -40.7036, 35.4632

Tritanomaly

197.3490, -15.9481, 28.6349

Monochromacy



Original Color

193.1060, -40.9713, 27.9710

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.1680, -14.8728, 10.3767

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.1060, -40.9713, 27.9710 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(225, 193, 110)` looks like.

```
.text, #text, p{  
    color:rgb(225, 193, 110)  
}
```

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(225, 193, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 193, 110) }
```

Border

The CSS property to change the border of an element to YUV 193.1060, -40.9713, 27.9710 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(225, 193, 110) }
```


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

```
.border{ border-color:rgb(225, 193, 110) }
```

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

Here you see how a box with a 4 pixel rgb(225, 193, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 193, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 193, 110);  
box-shadow:4px 4px 4px 4px rgb(225, 193,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 193.1060, -40.9713, 27.9710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 193, 110) }
```

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

```
.background{ background-color: rgb(225,  
193, 110) }
```

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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