

Converting Colors

YUV(183.7800, -56.5865,
43.1659)

Have a look what the booklet for
YUV(183.7800, -56.5865, 43.1659)
contains.

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Color

**YUV(183.7800, -56.5865,
43.1659)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B545
RGB	233, 181, 69
RGB Percent	91%, 71%, 27%
CMY	0.0863, 0.2902, 0.7294
CMYK	0.00, 0.22, 0.70, 0.09
HSL	41°, 79%, 59%
HSV	41°, 70%, 91%
XYZ	51.2023, 50.8011, 12.7372
YIQ	183.7800, 66.9440, -23.8080

Conversions

Conversions Part 2

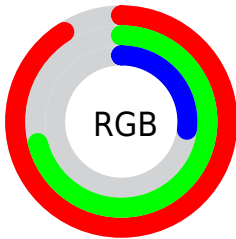
Format	Color
RYB	145, 233, 69
Decimal	15316293
CIELab	76.56, 7.88, 61.77
CIELCh	77, 62.270, 82.731
Yxy	50.8011, 0.4462, 0.4427
Android (android.graphics.Color)	4293506373 (0xFFE9B545)
YUV	183.7800, -56.5865, 43.1659
Hunter-Lab	71.2749, 3.4996, 39.2970

Details

The YUV color **183.7800, -56.5865, 43.1659** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **118.2200, 56.5865, -43.1659**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.3860, -52.4483, 22.4635**, and **127.0910, -61.6699, 40.2622** is the 20% darker color. If you saturate the color by 10%, you get **177.0490, -64.6072, 49.0690**, and if you desaturate by 10%, it is **190.5110, -48.5659, 37.2629**.

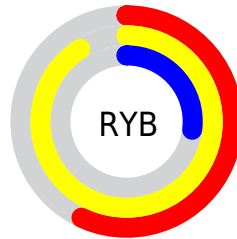
Distribution



Red (91%)

Green (71%)

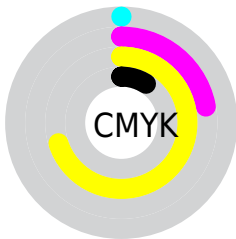
Blue (27%)



Red (57%)

Yellow (91%)

Blue (27%)

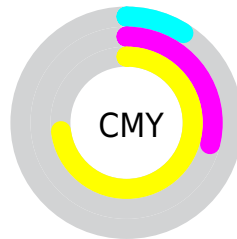


Cyan (0%)

Magenta (22%)

Yellow (70%)

Black (9%)



Cyan (9%)

Magenta (29%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.7800, -56.5865, 43.1659 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 183.7800, -56.5865, 43.1659 by changing the saturation by 10% instead.

183.7800,
-56.5865, 43.1659

183.7800,
-56.5865, 43.1659

255.0000, 0.0000,
0.0000

155.7690,
-56.5811, 41.4216

229.3860,
-52.4483, 22.4635

127.0910,
-61.6699, 40.2622

243.0300,
-45.8638, 10.4977

104.1040,
-51.3233, 34.9888

246.2220,
-33.6334, 7.6983

81.6440, -40.2505,
30.1302

249.4140,
-21.4031, 4.8989

59.7710, -29.4671,
24.7568

252.7200, -8.7360,
1.9996

39.3710, -19.4099,
18.9686

20.1560, -9.9369,

13.8952

■ 0.0000, 0.0000,
0.0000

■ 183.7800,
-56.5865, 43.1659

■ 183.7800,
-56.5865, 43.1659

■ 177.0490,
-64.6072, 49.0690

■ 190.5110,
-48.5659, 37.2629

■ 169.6170,
-72.7752, 55.5869

■ 197.9430,
-40.3979, 30.7450

■ 163.0000,
-80.3590, 61.3900

■ 204.6740,
-32.3773, 24.8419

■ 211.9920,
-24.6461, 18.4240

■ 218.8370,
-16.1886, 12.4210

■ 225.5680, -8.1680,
6.5179

■ 232.8860, -0.4368,
0.1000

■ 239.6170, 7.5838,
-5.8031

■ 243.7260, 5.5581,
-9.4067

Harmonies

Analogous

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



180.7500, -40.7957, 65.1173



183.7800, -56.5865, 43.1659



178.6990, -50.6306, -0.6130

Triad

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



183.7800, -56.5865, 43.1659



153.8270, 38.5393, -134.9063



194.1960, 29.9764, 45.4321

Complementary

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



183.7800, -56.5865, 43.1659



118.2200, 56.5865, -43.1659

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.



184.3750, 34.8181, -14.3609



183.7800, -56.5865, 43.1659



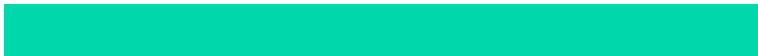
153.5140, 50.0326, -134.6318

Square

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



183.7800, -56.5865, 43.1659



146.4000, 12.6208, -128.3928



145.8830, 53.7947, -127.9394



181.2080, 11.7295, 64.7156

Rectangle

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



183.7800, -56.5865, 43.1659



172.9750, -35.9767, -34.1811



145.8830, 53.7947, -127.9394



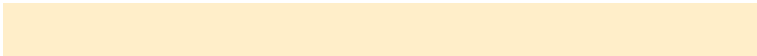
192.3140, 30.9042, 27.7886

Sweetspot

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



183.7800, -56.5865, 43.1659



238.8650, -18.6674, 14.1504



124.3060, -0.1509, 95.3246



117.8950, -10.7942, 8.8621



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.



183.7800, -56.5865, 43.1659



190.6880, -73.7962, 56.4016



206.2310, -67.6549, -0.2026



113.9850, -3.9366, 2.6442



126.9070, -62.5652, 47.4396



37.8650, -18.6674, 14.1504

Inverse Universe

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



118.2200, 56.5865, -43.1659



105.3120, 73.7962, -56.4016



95.7690, 67.6549, 0.2026



109.0150, 3.9366, -2.6442



54.0930, 62.5652, -47.4396



16.1350, 18.6674, -14.1504

Previews

White Background



This preview shows how the YUV color 183.7800, -56.5865, 43.1659 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 183.7800, -56.5865, 43.1659 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 183.7800, -56.5865, 43.1659

Background



This preview shows how black text looks on a background with the YUV color 183.7800, -56.5865, 43.1659.



This preview shows how white text looks on a background with the YUV color 183.7800, -56.5865, 43.1659.

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

183.7800, -56.5865, 43.1659

Protanopia

182.1260, -54.7851, 25.3225

Deuteranopia

184.0900, -56.7394, 45.5251



Tritanopia

192.7110, -4.7875, 42.3495

Trichromacy



Original Color

183.7800, -56.5865, 43.1659

Protanomaly

182.6430, -55.5330, 31.8851

Deuteranomaly

183.7910, -56.5920, 44.9103

Tritanomaly

189.4880, -23.4116, 42.5450

Monochromacy



Original Color

183.7800, -56.5865, 43.1659

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

184.0070, -20.7095, 15.7799

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.7800, -56.5865, 43.1659 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(233, 181, 69)` looks like.

```
.text, #text, p{  
    color:rgb(233, 181, 69)  
}
```

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(233, 181, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 181, 69) }
```

Border

The CSS property to change the border of an element to YUV 183.7800, -56.5865, 43.1659 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(233, 181, 69) }
```


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

```
.border{ border-color:rgb(233, 181, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 181, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 181, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 181, 69);  
box-shadow:4px 4px 4px 4px rgb(233, 181,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 183.7800, -56.5865, 43.1659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 181, 69) }
```

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

```
.background{ background-color: rgb(233,  
181, 69) }
```

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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