

Converting Colors

YUV(208.7730, -56.0901,
23.8781)

Have a look what the booklet for
YUV(208.7730, -56.0901, 23.8781)
contains.

YUV(208.7730, -56.0901, 23.8781)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(208.7730, -56.0901,
23.8781)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD95F
RGB	236, 217, 95
RGB Percent	93%, 85%, 37%
CMY	0.0745, 0.1490, 0.6275
CMYK	0.00, 0.08, 0.60, 0.07
HSL	52°, 79%, 65%
HSV	52°, 60%, 93%
XYZ	61.4705, 68.2848, 20.7669
YIQ	208.7730, 50.4860, -33.9140

Conversions

Conversions Part 2

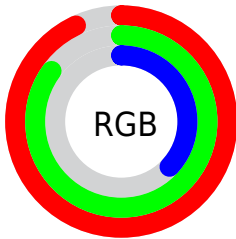
Format	Color
RYB	117, 236, 95
Decimal	15522143
CIELab	86.15, -7.90, 60.99
CIELCh	86, 61.504, 97.382
Yxy	68.2848, 0.4084, 0.4537
Android (android.graphics.Color)	4293712223 (0xFFECD95F)
YUV	208.7730, -56.0901, 23.8781
Hunter-Lab	82.6346, -11.8275, 42.9441

Details

The YUV color **208.7730, -56.0901, 23.8781** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **122.2270, 56.0901, -23.8781**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.9160, -46.3006, 10.5977**, and **152.4630, -55.9373, 21.5189** is the 20% darker color. If you saturate the color by 10%, you get **204.2760, -65.7051, 27.8219**, and if you desaturate by 10%, it is **213.2700, -46.4751, 19.9342**.

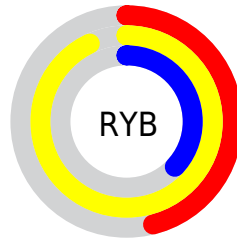
Distribution



Red (93%)

Green (85%)

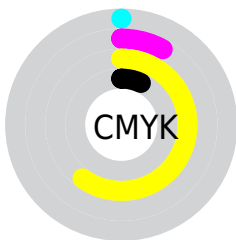
Blue (37%)



Red (46%)

Yellow (93%)

Blue (37%)

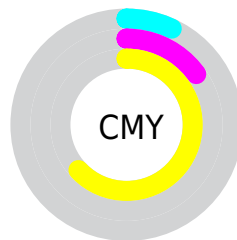


Cyan (0%)

Magenta (8%)

Yellow (60%)

Black (7%)



Cyan (7%)

Magenta (15%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.7730, -56.0901, 23.8781 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 208.7730, -56.0901, 23.8781 by changing the saturation by 10% instead.

■ 208.7730,
-56.0901, 23.8781

■ 208.7730,
-56.0901, 23.8781

■ 255.0000, 0.0000,
0.0000

■ 180.2890,
-55.3585, 22.5485

■ 242.9160,
-46.3006, 10.5977

■ 152.4630,
-55.9373, 21.5189

■ 246.1080,
-34.0702, 7.7983

■ 124.3830,
-61.3208, 21.5891

■ 249.4140,
-21.4031, 4.8989

■ 101.3360,
-49.9586, 17.2453

■ 252.7200, -8.7360,
1.9996

■ 79.1750, -39.0333,
13.0015

■ 57.6010, -28.3973,
8.2429

■ 36.9130, -18.1981,

3.5843

■ 17.6870, -8.7197,
-3.2335

■ 0.0000, 0.0000,
0.0000

■ 208.7730,
-56.0901, 23.8781

■ 208.7730,
-56.0901, 23.8781

■ 204.2760,
-65.7051, 27.8219

■ 213.2700,
-46.4751, 19.9342

■ 199.8930,
-74.8832, 31.6658

■ 217.6530,
-37.2969, 16.0903

■ 194.8090,
-84.2088, 36.1245

■ 222.7370,
-27.9713, 11.6317

■ 190.4260,
-93.3870, 39.9684

■ 227.1200,
-18.7932, 7.7878

■ 190.3120,
-93.8238, 40.0684

■ 231.6170, -9.1782,
3.8439

■ 236.1140, 0.4368,
-0.1000

■ 239.9270, 7.4310,
-3.4440

■ 241.6880, 6.5628,
-4.9884

■ 244.0360, 5.4053,
-7.0476

Harmonies

Analogous

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



203.4950, -47.5720, 45.1699



208.7730, -56.0901, 23.8781



201.7760, -40.8086, -24.3596

Triad

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



208.7730, -56.0901, 23.8781



171.7110, 41.0615, -150.5905



207.4530, 23.4407, 41.6987

Complementary

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



208.7730, -56.0901, 23.8781



122.2270, 56.0901, -23.8781

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.



214.4090, 20.0114, 21.5663



208.7730, -56.0901, 23.8781



166.4280, 43.6660, -145.9574

Square

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



208.7730, -56.0901, 23.8781



169.9210, 29.1259, -149.0207



198.3090, 27.9487, -51.1370



196.8290, 3.0423, 51.0160

Rectangle

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



208.7730, -56.0901, 23.8781



194.1700, -21.7758, -62.4161



198.3090, 27.9487, -51.1370



210.9750, 21.7043, 38.6099

Sweetspot

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



208.7730, -56.0901, 23.8781



246.2340, -18.3564, 7.6878



139.5530, -11.6116, 84.5840



122.3460, -11.5096, 4.9586



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.



208.7730, -56.0901, 23.8781



219.3490, -73.1361, 31.2659



205.2750, -54.3656, -16.0272



115.1590, -4.5154, 1.6146



146.2780, -72.1151, 30.4512



43.1480, -21.2720, 9.5172

Inverse Universe

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



122.2270, 56.0901, -23.8781



106.6510, 73.1361, -31.2659



125.7250, 54.3656, 16.0272



107.8410, 4.5154, -1.6146



34.7220, 72.1151, -30.4512



10.2650, 21.5614, -9.0024

Previews

White Background



This preview shows how the YUV color 208.7730, -56.0901, 23.8781 looks on a white background.

Color Contrast Check

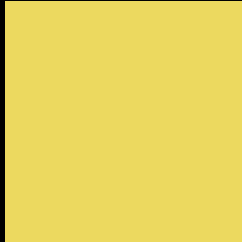
Large Text (above 18pt) WCAG AA × Fail

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 208.7730, -56.0901, 23.8781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

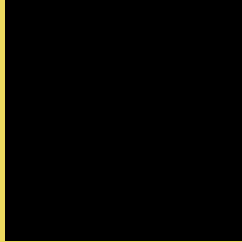
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 208.7730, -56.0901, 23.8781

Background



This preview shows how black text looks on a background with the YUV color 208.7730, -56.0901, 23.8781.

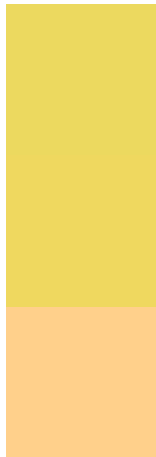


This preview shows how white text looks on a background with the YUV color 208.7730, -56.0901, 23.8781.

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

208.7730, -56.0901, 23.8781

Protanopia

209.0830, -56.2429, 26.2372

Deuteranopia

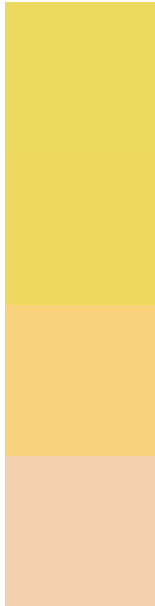
214.1870, -37.0672, 35.7930



Tritanopia

218.6810, 0.6503, 24.8358

Trichromacy



Original Color

208.7730, -56.0901, 23.8781

Protanomaly

208.7840, -56.0955, 25.6224

Deuteranomaly

212.0310, -43.8923, 31.5448

Tritanomaly

215.2900, -19.8630, 24.3017

Monochromacy



Original Color

208.7730, -56.0901, 23.8781

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.0770, -20.2510, 8.7025

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.7730, -56.0901, 23.8781 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(236, 217, 95)` looks like.

```
.text, #text, p{  
    color:rgb(236, 217, 95)  
}
```

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(236, 217, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 217, 95) }
```

Border

The CSS property to change the border of an element to YUV 208.7730, -56.0901, 23.8781 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(236, 217, 95) }
```


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

```
.border{ border-color:rgb(236, 217, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 217, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 217, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 217, 95);  
box-shadow:4px 4px 4px 4px rgb(236, 217,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 208.7730, -56.0901, 23.8781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 217, 95) }
```

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

```
.background{ background-color: rgb(236,  
217, 95) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor