

Converting Colors

YUV(204.5340, -56.9583,
22.3337)

Have a look what the booklet for
YUV(204.5340, -56.9583, 22.3337)
contains.

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Color

**YUV(204.5340, -56.9583,
22.3337)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D659
RGB	230, 214, 89
RGB Percent	90%, 84%, 35%
CMY	0.0980, 0.1608, 0.6510
CMYK	0.00, 0.07, 0.61, 0.10
HSL	53°, 74%, 63%
HSV	53°, 61%, 90%
XYZ	58.4829, 65.6374, 19.0381
YIQ	204.5340, 49.6610, -35.4830

Conversions

Conversions Part 2

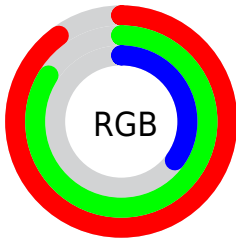
Format	Color
RYB	107, 230, 89
Decimal	15128153
CIELab	84.81, -9.26, 61.98
CIELCh	85, 62.663, 98.497
Yxy	65.6374, 0.4085, 0.4585
Android (android.graphics.Color)	4293318233 (0xFFE6D659)
YUV	204.5340, -56.9583, 22.3337
Hunter-Lab	81.0169, -12.9276, 42.7793

Details

The YUV color **204.5340, -56.9583, 22.3337** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **114.4660, 56.9583, -22.3337**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.3460, -48.4846, 11.0976**, and **148.6970, -57.5316, 19.5597** is the 20% darker color. If you saturate the color by 10%, you get **200.1510, -66.1364, 26.1776**, and if you desaturate by 10%, it is **208.9170, -47.7801, 18.4898**.

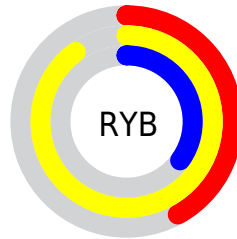
Distribution



Red (90%)

Green (84%)

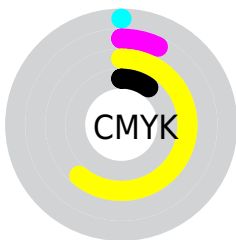
Blue (35%)



Red (42%)

Yellow (90%)

Blue (35%)

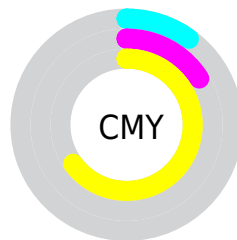


Cyan (0%)

Magenta (7%)

Yellow (61%)

Black (10%)



Cyan (10%)

Magenta (16%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.5340, -56.9583, 22.3337 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 204.5340, -56.9583, 22.3337 by changing the saturation by 10% instead.

■ 204.5340,
-56.9583, 22.3337

■ 204.5340,
-56.9583, 22.3337

■ 255.0000, 0.0000,
0.0000

■ 176.0500,
-56.2266, 21.0042

■ 242.3460,
-48.4846, 11.0976

■ 148.6970,
-57.5316, 19.5597

■ 245.4240,
-36.6910, 8.3982

■ 121.4150,
-59.8576, 18.9300

■ 248.7300,
-24.0239, 5.4988

■ 98.3680, -48.4954,
14.5863

■ 252.0360,
-11.3567, 2.5994

■ 75.6200, -37.2807,
10.8573

■ 54.6330, -26.9341,
5.5839

■ 34.2440, -16.8823,

1.5400

■ 13.2240, -6.5194,
-8.9664

■ 0.0000, 0.0000,
0.0000

■ 204.5340,
-56.9583, 22.3337

■ 204.5340,
-56.9583, 22.3337

■ 200.1510,
-66.1364, 26.1776

■ 208.9170,
-47.7801, 18.4898

■ 196.3550,
-75.6040, 29.5067

■ 212.7130,
-38.3125, 15.1607

■ 191.9720,
-84.7822, 33.3506

■ 217.0960,
-29.1343, 11.3168

■ 188.5180,
-92.9394, 36.3797

■ 220.8920,
-19.6668, 7.9877

■ 225.2750,
-10.4886, 4.1438

■ 229.6580, -1.3104,
0.2999

■ 233.4540, 8.1572,
-3.0292

■ 235.7850, 9.4730,
-5.0734

■ 236.9590, 8.8942,
-6.1030

Harmonies

Analogous

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



200.9360, -49.7614, 47.4141



204.5340, -56.9583, 22.3337



197.4660, -40.6557, -26.7187

Triad

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



204.5340, -56.9583, 22.3337



169.3630, 42.2190, -148.5314



203.9310, 25.1770, 44.7875

Complementary

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



204.5340, -56.9583, 22.3337



114.4660, 56.9583, -22.3337

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.



211.1750, 21.6057, 23.5255



204.5340, -56.9583, 22.3337



164.0800, 44.8236, -143.8982

Square

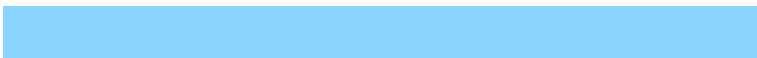
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



204.5340, -56.9583, 22.3337



167.9320, 29.1205, -147.2764



194.7760, 29.6904, -49.7926



193.2100, 1.8685, 54.1898

Rectangle

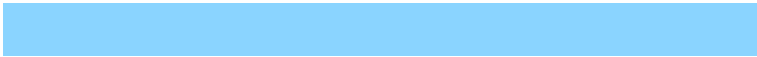
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



204.5340, -56.9583, 22.3337



189.0770, -20.7440, -66.7195



194.7760, 29.6904, -49.7926



207.4530, 23.4407, 41.6987

Sweetspot

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



204.5340, -56.9583, 22.3337



246.8210, -18.6458, 7.1730



132.9830, -13.7956, 85.0839



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.



204.5340, -56.9583, 22.3337



221.1270, -76.4776, 29.7066



197.7800, -53.6285, -19.1011



112.4580, -4.6628, 2.2293



146.2670, -72.1096, 28.7068



41.6640, -20.5404, 8.1877

Inverse Universe

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



114.4660, 56.9583, -22.3337



100.4600, 76.1882, -30.2214



121.2200, 53.6285, 19.1011



105.5420, 4.6628, -2.2293



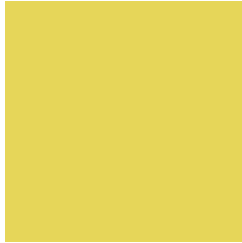
32.1460, 72.3990, -28.1920



9.3360, 20.5404, -8.1877

Previews

White Background



This preview shows how the YUV color 204.5340, -56.9583, 22.3337 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 204.5340, -56.9583, 22.3337 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 204.5340, -56.9583, 22.3337

Background



This preview shows how black text looks on a background with the YUV color 204.5340, -56.9583, 22.3337.

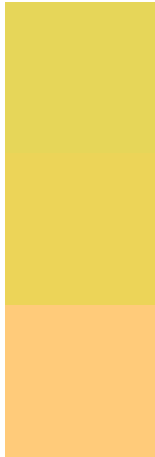


This preview shows how white text looks on a background with the YUV color 204.5340, -56.9583,

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

204.5340, -56.9583, 22.3337

Protanopia

205.0400, -57.7007, 27.1519

Deuteranopia

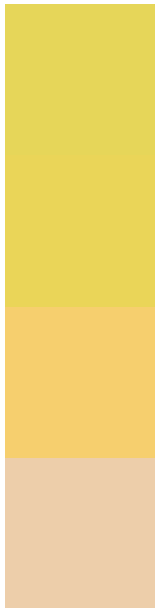
209.3140, -43.0458, 40.0666



Tritanopia

214.6700, 0.6557, 23.0914

Trichromacy



Original Color

204.5340, -56.9583, 22.3337

Protanomaly

205.0290, -57.6953, 25.4076

Deuteranomaly

207.6030, -48.1183, 33.6742

Tritanomaly

211.1650, -20.2943, 22.6573

Monochromacy



Original Color

204.5340, -56.9583, 22.3337

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.6640, -20.5404, 8.1877

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.5340, -56.9583, 22.3337 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, 214, 89)` looks like.

```
.text, #text, p{  
    color:rgb(230, 214, 89)  
}
```

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, 214, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 214, 89) }
```

Border

The CSS property to change the border of an element to YUV 204.5340, -56.9583, 22.3337 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, 214, 89) }
```


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

```
.border{ border-color:rgb(230, 214, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 214, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 214, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 214, 89);  
box-shadow:4px 4px 4px 4px rgb(230, 214,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 204.5340, -56.9583, 22.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 214, 89) }
```

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

```
.background{ background-color: rgb(230,  
214, 89) }
```

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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