

Converting Colors

YUV(208.5840, -62.8989,
14.3968)

Have a look what the booklet for
YUV(208.5840, -62.8989, 14.3968)
contains.

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Color

**YUV(208.5840, -62.8989,
14.3968)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E151
RGB	225, 225, 81
RGB Percent	88%, 88%, 32%
CMY	0.1176, 0.1176, 0.6824
CMYK	0.00, 0.00, 0.64, 0.12
HSL	60°, 71%, 60%
HSV	60°, 64%, 88%
XYZ	59.4618, 70.4521, 18.2492
YIQ	208.5840, 46.2240, -44.7840

Conversions

Conversions Part 2

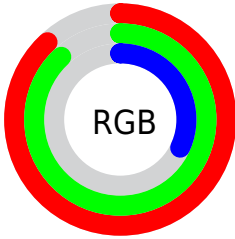
Format	Color
RYB	81, 225, 81
Decimal	14803281
CIELab	87.22, -17.27, 67.69
CIELCh	87, 69.861, 104.316
Yxy	70.4521, 0.4013, 0.4755
Android (android.graphics.Color)	4292993361 (0xFFE1E151)
YUV	208.5840, -62.8989, 14.3968
Hunter-Lab	83.9357, -20.4345, 45.8642

Details

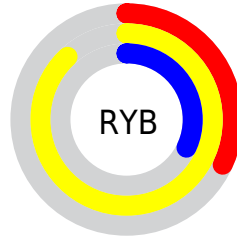
The YUV color **208.5840, -62.8989, 14.3968** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **97.4160, 62.8989, -14.3968**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5480, -51.5422, 11.7974**, and **150.9060, -67.9877, 13.2374** is the 20% darker color. If you saturate the color by 10%, you get **206.0760, -72.5085, 16.5963**, and if you desaturate by 10%, it is **211.0920, -53.2894, 12.1973**.

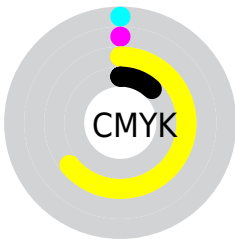
Distribution



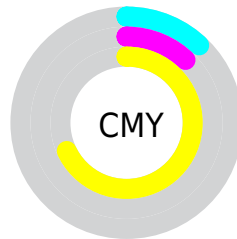
- Red (88%)
- Green (88%)
- Blue (32%)



- Red (32%)
- Yellow (88%)
- Blue (32%)



- Cyan (0%)
- Magenta (0%)
- Yellow (64%)
- Black (12%)



- Cyan (12%)
- Magenta (12%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.5840, -62.8989, 14.3968 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 208.5840, -62.8989, 14.3968 by changing the saturation by 10% instead.

■ 208.5840,
-62.8989, 14.3968

■ 208.5840,
-62.8989, 14.3968

■ 255.0000, 0.0000,
0.0000

■ 179.8720,
-63.0409, 13.2673

■ 241.5480,
-51.5422, 11.7974

■ 150.9060,
-67.9877, 13.2374

■ 244.7400,
-39.3118, 8.9980

■ 125.7900,
-62.0145, 10.7082

■ 247.9320,
-27.0815, 6.1986

■ 102.1560,
-50.3629, 6.8792

■ 251.2380,
-14.4143, 3.2993

■ 79.9950, -39.4375,
2.6354

■ 254.6580, -1.3104,
0.2999

■ 57.8340, -28.5122,
-1.6084

■ 37.1460, -18.3130,

-6.2670

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 208.5840,
-62.8989, 14.3968

■ 208.5840,
-62.8989, 14.3968

■ 206.0760,
-72.5085, 16.5963

■ 211.0920,
-53.2894, 12.1973

■ 203.4540,
-82.5548, 18.8958

■ 213.7140,
-43.2430, 9.8978

■ 200.9460,
-92.1644, 21.0954

■ 216.2220,
-33.6334, 7.6983

■ 199.3500,
-98.2795, 22.4951

■ 218.8440,
-23.5871, 5.3988

■ 221.4660,
-13.5407, 3.0993

■ 223.9740, -3.9312,
0.8998

■ 226.5960, 6.1152,
-1.3997

■ 228.4200, 13.1039,
-2.9993

Harmonies

Analogous

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



205.2100, -58.7705, 43.6658



208.5840, -62.8989, 14.3968



199.8830, -39.8753, -43.7474

Triad

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



208.5840, -62.8989, 14.3968



174.0590, 39.9039, -152.6497



202.1700, 26.0452, 46.3319

Complementary

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



208.5840, -62.8989, 14.3968



97.4160, 62.8989, -14.3968

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.



215.6710, 19.3892, 34.4915



208.5840, -62.8989, 14.3968



167.6020, 43.0872, -146.9870

Square

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



208.5840, -62.8989, 14.3968



175.7230, 36.1256, -154.1091



202.5170, 25.8741, -39.0414



191.7110, -1.3365, 55.5045

Rectangle

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



208.5840, -62.8989, 14.3968



185.7250, -13.6684, -96.2288



202.5170, 25.8741, -39.0414



205.6920, 24.3088, 43.2431

Sweetspot

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



208.5840, -62.8989, 14.3968



249.5280, -20.9663, 4.7989



124.0560, -21.2266, 88.5279



124.5800, -13.1039, 2.9993



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.



208.5840, -62.8989, 14.3968



232.6560, -85.6124, 19.5957



187.0560, -52.2856, -29.8671



110.7460, -4.8048, 1.0998



155.9360, -76.8764, 17.5961



42.5280, -20.9663, 4.7989

Inverse Universe

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



97.4160, 62.8989, -14.3968



81.3440, 85.6124, -19.5957



118.9440, 52.2856, 29.8671



102.2540, 4.8048, -1.0998



20.0640, 76.8764, -17.5961



5.4720, 20.9663, -4.7989

Previews

White Background



This preview shows how the YUV color 208.5840, -62.8989, 14.3968 looks on a white background.

Color Contrast Check

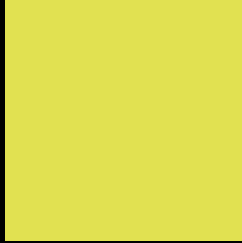
Large Text (above 18pt) WCAG AA × Fail

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 208.5840, -62.8989, 14.3968 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 208.5840, -62.8989, 14.3968

Background



This preview shows how black text looks on a background with the YUV color 208.5840, -62.8989, 14.3968.



This preview shows how white text looks on a background with the YUV color 208.5840, -62.8989, 14.3968.

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

208.5840, -62.8989, 14.3968

Protanopia

210.5150, -64.8369, 29.3663

Deuteranopia

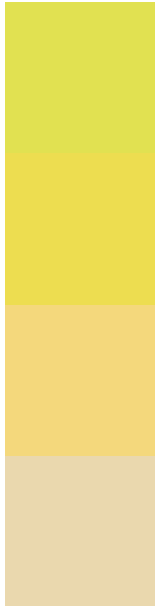
216.9740, -34.0042, 33.3488



Tritanopia

221.1960, 2.8614, 15.6141

Trichromacy



Original Color

208.5840, -62.8989, 14.3968

Protanomaly

209.7100, -63.9470, 23.9333

Deuteranomaly

213.8840, -44.3128, 26.4117

Tritanomaly

216.5940, -20.9988, 15.2651

Monochromacy



Original Color

208.5840, -62.8989, 14.3968

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.9580, -23.1503, 5.2988

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.5840, -62.8989, 14.3968 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, 225, 81)` looks like.

```
.text, #text, p{  
    color:rgb(225, 225, 81)  
}
```

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, 225, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 225, 81) }
```

Border

The CSS property to change the border of an element to YUV 208.5840, -62.8989, 14.3968 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, 225, 81) }
```


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

```
.border{ border-color:rgb(225, 225, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 225, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 225, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 225, 81);  
box-shadow:4px 4px 4px 4px rgb(225, 225,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 208.5840, -62.8989, 14.3968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 225, 81) }
```

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

```
.background{ background-color: rgb(225,  
225, 81) }
```

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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