

Converting Colors

YUV(223.8800, -68.4678,
27.2922)

Have a look what the booklet for
YUV(223.8800, -68.4678, 27.2922)
contains.

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Color

**YUV(223.8800, -68.4678,
27.2922)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEB55
RGB	255, 235, 85
RGB Percent	100%, 92%, 33%
CMY	0.0000, 0.0784, 0.6667
CMYK	0.00, 0.08, 0.67, 0.00
HSL	53°, 100%, 67%
HSV	53°, 67%, 100%
XYZ	72.5880, 81.3325, 20.4673
YIQ	223.8800, 60.0700, -42.4100

Conversions

Conversions Part 2

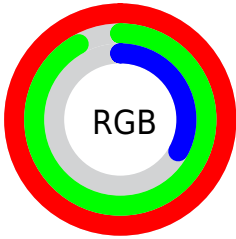
Format	Color
RYB	108, 255, 85
Decimal	16771925
CIELab	92.28, -9.69, 72.12
CIElCh	92, 72.769, 97.653
Yxy	81.3325, 0.4162, 0.4664
Android (android.graphics.Color)	4294962005 (0xFFFFEB55)
YUV	223.8800, -68.4678, 27.2922
Hunter-Lab	90.1846, -14.1513, 49.6734

Details

The YUV color **223.8800, -68.4678, 27.2922** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **116.1200, 68.4678, -27.2922**, and the grayscale version is **225.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.0040, -49.7950, 11.3975**, and **165.9030, -73.4092, 25.5181** is the 20% darker color. If you saturate the color by 10%, you get **219.1550, -78.9564, 31.4361**, and if you desaturate by 10%, it is **228.4910, -58.4161, 23.2484**.

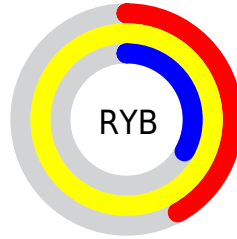
Distribution



Red (100%)

Green (92%)

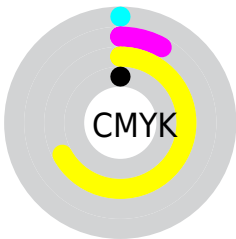
Blue (33%)



Red (42%)

Yellow (100%)

Blue (33%)

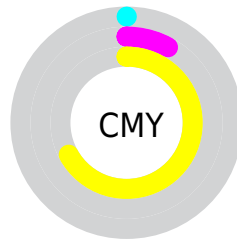


Cyan (0%)

Magenta (8%)

Yellow (67%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 223.8800, -68.4678, 27.2922 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 223.8800, -68.4678, 27.2922 by changing the saturation by 10% instead.

223.8800,
-68.4678, 27.2922

223.8800,
-68.4678, 27.2922

255.0000, 0.0000,
0.0000

195.0540,
-69.0466, 26.2626

242.0040,
-49.7950, 11.3975

165.9030,
-73.4092, 25.5181

245.3100,
-37.1278, 8.4981

139.1460,
-68.5990, 22.6740

248.6160,
-24.4607, 5.5988

115.5120,
-56.9474, 18.8450

251.9220,
-11.7935, 2.6994

92.4650, -45.5852,
14.5012

70.5920, -34.8019,
9.1278

49.0180, -24.1659,

4.3692

■ 29.2160, -14.4035,
-0.1894

■ 8.8050, -4.3409,
-7.7220

■ 223.8800,
-68.4678, 27.2922

■ 223.8800,
-68.4678, 27.2922

■ 219.1550,
-78.9564, 31.4361

■ 228.4910,
-58.4161, 23.2484

■ 214.5440,
-89.0082, 35.4799

■ 233.2160,
-47.9275, 19.1046

■ 209.8190,
-99.4968, 39.6237

■ 237.9410,
-37.4389, 14.9607

■ 208.3200,
-102.7018, 40.9384

■ 242.5520,
-27.3871, 10.9169

■ 247.1630,
-17.3354, 6.8730

■ 251.8880, -6.8468,
2.7292

255.0000, 0.0000,
0.0000

Harmonies

Analogous

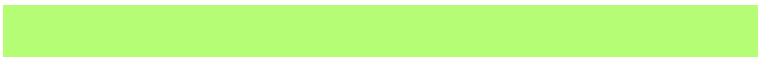
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



211.0290, -54.2443, 38.5626



223.8800, -68.4678, 27.2922



215.5550, -49.0806, -31.1817

Triad

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



223.8800, -68.4678, 27.2922



178.7550, 37.5888, -156.7681



211.5620, 21.4149, 38.0951

Complementary

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



223.8800, -68.4678, 27.2922



116.1200, 68.4678, -27.2922

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.



226.8240, 13.8908, 24.7104



223.8800, -68.4678, 27.2922



178.1680, 37.8782, -156.2533

Square

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



223.8800, -68.4678, 27.2922



178.0710, 34.9680, -156.1683



207.0810, 23.6241, -64.0920



200.8870, 8.4367, 47.4571

Rectangle

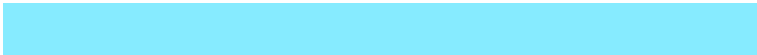
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223.8800, -68.4678, 27.2922



201.7400, -23.0428, -76.0710



207.0810, 23.6241, -64.0920



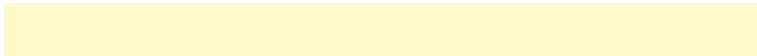
215.6710, 19.3892, 34.4915

Sweetspot

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



223.8800, -68.4678, 27.2922



245.6640, -20.5404, 8.1877



138.4520, -15.0128, 102.2126



122.1180, -12.3832, 5.1585



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.



223.8800, -68.4678, 27.2922



217.6560, -82.1614, 32.7507



217.0820, -65.1164, -21.1199



125.3440, -5.0996, 2.3293



156.3120, -77.0618, 30.4214



52.0080, -25.6399, 10.5170

Inverse Universe

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



116.1200, 68.4678, -27.2922



88.3440, 82.1614, -32.7507



122.9180, 65.1164, 21.1199



117.0690, 5.3890, -1.8145



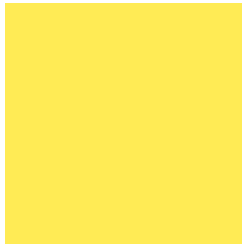
34.6880, 77.0618, -30.4214



11.4050, 25.9293, -10.0022

Previews

White Background



This preview shows how the YUV color 223.8800, -68.4678, 27.2922 looks on a white background.

Color Contrast Check

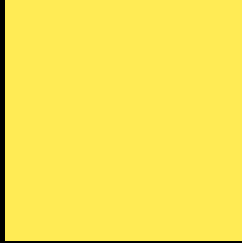
Large Text (above 18pt) WCAG AA × Fail

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 223.8800, -68.4678, 27.2922 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 223.8800, -68.4678, 27.2922

Background



This preview shows how black text looks on a background with the YUV color 223.8800, -68.4678, 27.2922.



This preview shows how white text looks on a background with the YUV color 223.8800, -68.4678, 27.2922.

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

223.8800, -68.4678, 27.2922

Protanopia

227.9500, -47.7963, 23.7229

Deuteranopia

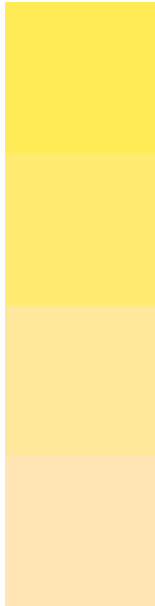
233.0120, -18.2469, 19.2835



Tritanopia

235.1100, -0.0542, 17.4435

Trichromacy



Original Color

223.8800, -68.4678, 27.2922

Protanomaly

226.5990, -55.5113, 24.9077

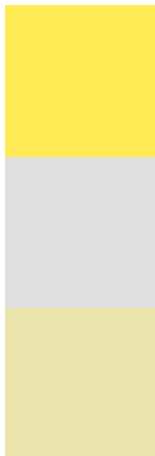
Deuteranomaly

229.6260, -36.2976, 22.2530

Tritanomaly

231.1880, -25.2357, 20.8831

Monochromacy



Original Color

223.8800, -68.4678, 27.2922

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

223.8230, -25.0557, 9.8022

CSS Examples

Text

The CSS property to change the color of the text to YUV 223.8800, -68.4678, 27.2922 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(255, 235, 85)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 85)  
}
```

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(255, 235, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 85) }
```

Border

The CSS property to change the border of an element to YUV 223.8800, -68.4678, 27.2922 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(255, 235, 85) }
```


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

```
.border{ border-color:rgb(255, 235, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 235, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 85);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 223.8800, -68.4678, 27.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 85) }
```

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

```
.background{ background-color: rgb(255,  
235, 85) }
```

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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