

Converting Colors

YUV(216.2760, -65.7051,
27.8219)

Have a look what the booklet for
YUV(216.2760, -65.7051, 27.8219)
contains.

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Color

**YUV(216.2760, -65.7051,
27.8219)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E253
RGB	248, 226, 83
RGB Percent	97%, 89%, 33%
CMY	0.0275, 0.1137, 0.6745
CMYK	0.00, 0.09, 0.67, 0.03
HSL	52°, 92%, 65%
HSV	52°, 67%, 97%
XYZ	67.4691, 74.9737, 19.0990
YIQ	216.2760, 59.0150, -39.8090

Conversions

Conversions Part 2

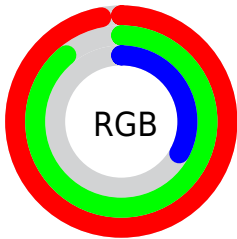
Format	Color
R_{YB}	108, 248, 83
Decimal	16310867
CIE _{Lab}	89.38, -8.20, 69.73
CIE _{LCh}	89, 70.216, 96.708
Yxy	74.9737, 0.4177, 0.4641
Android (android.graphics.Color)	4294500947 (0xFFFF8E253)
YUV	216.2760, -65.7051, 27.8219
Hunter-Lab	86.5874, -12.4402, 47.5333

Details

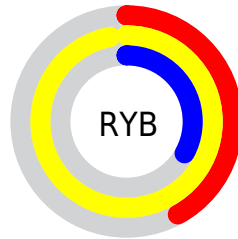
The YUV color **216.2760, -65.7051, 27.8219** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **114.7240, 65.7051, -27.8219**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.7760, -50.6686, 11.5974**, and **158.4130, -70.2096, 25.9478** is the 20% darker color. If you saturate the color by 10%, you get **211.6650, -75.7568, 31.8658**, and if you desaturate by 10%, it is **220.8870, -55.6533, 23.7781**.

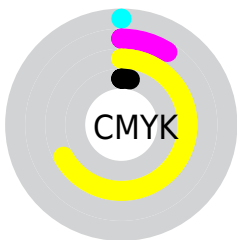
Distribution



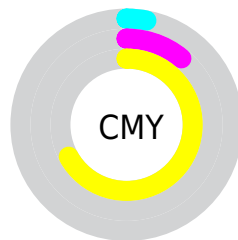
- Red (97%)
- Green (89%)
- Blue (33%)



- Red (42%)
- Yellow (97%)
- Blue (33%)



- Cyan (0%)
- Magenta (9%)
- Yellow (67%)
- Black (3%)



- Cyan (3%)
- Magenta (11%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.2760, -65.7051, 27.8219 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 216.2760, -65.7051, 27.8219 by changing the saturation by 10% instead.

■ 216.2760,
-65.7051, 27.8219

■ 216.2760,
-65.7051, 27.8219

■ 255.0000, 0.0000,
0.0000

■ 187.5640,
-65.8471, 26.6924

■ 241.7760,
-50.6686, 11.5974

■ 158.4130,
-70.2096, 25.9478

■ 244.9680,
-38.4382, 8.7981

■ 132.6560,
-65.3994, 23.1037

■ 248.2740,
-25.7711, 5.8987

■ 108.7230,
-53.6004, 18.6599

■ 251.5800,
-13.1039, 2.9993

■ 86.5620, -42.6751,
14.4161

■ 254.8860, -0.4368,
0.1000

■ 64.1020, -31.6023,
9.5575

■ 43.4140, -21.4031,

4.8989

■ 24.1990, -11.9301,
-0.1745

■ 0.0000, 0.0000,
0.0000

■ 216.2760,
-65.7051, 27.8219

■ 216.2760,
-65.7051, 27.8219

■ 211.6650,
-75.7568, 31.8658

■ 220.8870,
-55.6533, 23.7781

■ 206.4670,
-85.5192, 36.4244

■ 226.0850,
-45.8909, 19.2195

■ 201.9700,
-95.1342, 40.3683

■ 230.5820,
-36.2759, 15.2756

■ 200.3570,
-98.7760, 41.7829

■ 235.1930,
-26.2241, 11.2317

240.3910,
-16.4618, 6.6731

245.0020, -6.4100,
2.6292

249.3850, 2.7682,
-1.2146

251.1460, 1.9000,
-2.7590

252.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



206.1050, -52.8028, 42.8809



216.2760, -65.7051, 27.8219



208.8050, -48.2179, -27.8930

Triad

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



216.2760, -65.7051, 27.8219



178.7550, 37.5888, -156.7681



208.0400, 23.1513, 41.1839

Complementary

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



216.2760, -65.7051, 27.8219



114.7240, 65.7051, -27.8219

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.



221.5080, 16.5116, 24.1105



216.2760, -65.7051, 27.8219



173.4720, 40.1933, -152.1349

Square

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



216.2760, -65.7051, 27.8219



176.8170, 30.1632, -155.0685



199.6940, 27.2659, -65.5066



197.2680, 7.2629, 50.6310

Rectangle

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



216.2760, -65.7051, 27.8219



198.8930, -25.0902, -72.6972



199.6940, 27.2659, -65.5066



212.7360, 20.8362, 37.0655

Sweetspot

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



216.2760, -65.7051, 27.8219



245.0770, -20.2510, 8.7025



134.8430, -14.7126, 99.2387



121.5310, -12.0938, 5.6733



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.



216.2760, -65.7051, 27.8219



215.8950, -81.2932, 34.2951



211.2500, -63.2272, -20.3902



122.3440, -5.0996, 2.3293



152.7790, -75.3200, 31.7658



49.3500, -24.3295, 10.2171

Inverse Universe

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



114.7240, 65.7051, -27.8219



90.1050, 81.2932, -34.2951



119.7500, 63.2272, 20.3903



114.6560, 5.0996, -2.3293



36.2210, 75.3200, -31.7658



11.6500, 24.3296, -10.2171

Previews

White Background



This preview shows how the YUV color 216.2760, -65.7051, 27.8219 looks on a white background.

Color Contrast Check

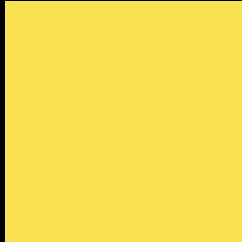
Large Text (above 18pt) WCAG AA × Fail

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 216.2760, -65.7051, 27.8219 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 216.2760, -65.7051, 27.8219

Background



This preview shows how black text looks on a background with the YUV color 216.2760, -65.7051, 27.8219.

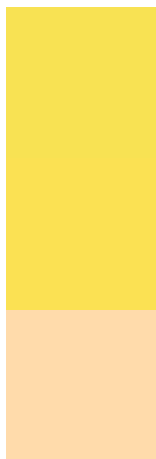


This preview shows how white text looks on a background with the YUV color 216.2760, -65.7051, 27.8219.

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

216.2760, -65.7051, 27.8219

Protanopia

216.5860, -65.8579, 30.1811

Deuteranopia

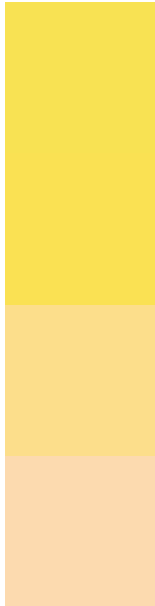
224.2920, -26.2730, 26.9309



Tritanopia

227.8550, 0.0715, 23.8062

Trichromacy



Original Color

216.2760, -65.7051, 27.8219

Protanomaly

216.2870, -65.7105, 29.5663

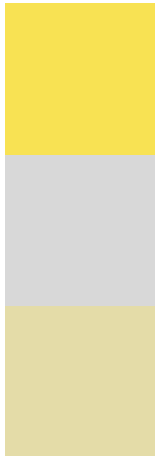
Deuteranomaly

221.5080, -40.6764, 26.7415

Tritanomaly

223.2640, -23.7942, 25.2015

Monochromacy



Original Color

216.2760, -65.7051, 27.8219

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.4640, -23.8928, 10.1171

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.2760, -65.7051, 27.8219 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(248, 226, 83)` looks like.

```
.text, #text, p{  
    color:rgb(248, 226, 83)  
}
```

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(248, 226, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 226, 83) }
```

Border

The CSS property to change the border of an element to YUV 216.2760, -65.7051, 27.8219 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(248, 226, 83) }
```


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

```
.border{ border-color:rgb(248, 226, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 226, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 226, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 226, 83);  
box-shadow:4px 4px 4px 4px rgb(248, 226,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 216.2760, -65.7051, 27.8219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 226, 83) }
```

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

```
.background{ background-color: rgb(248,  
226, 83) }
```

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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