

Converting Colors

YUV(215.5640, -106.2731,
19.6764)

Have a look what the booklet for
YUV(215.5640, -106.2731, 19.6764)
contains.

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Color

**YUV(215.5640, -106.2731,
19.6764)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF600
RGB	238, 246, 0
RGB Percent	93%, 96%, 0%
CMY	0.0667, 0.0353, 1.0000
CMYK	0.03, 0.00, 1.00, 0.04
HSL	62°, 100%, 48%
HSV	62°, 100%, 96%
XYZ	68.2157, 84.0887, 12.6354
YIQ	215.5640, 74.1980, -78.2020

Conversions

Conversions Part 2

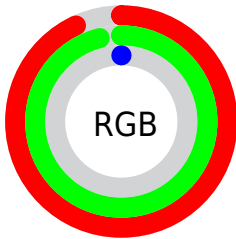
Format	Color
RYB	0, 246, 8
Decimal	15660544
CIELab	93.49, -24.27, 91.22
CIELCh	93, 94.395, 104.900
Yxy	84.0887, 0.4136, 0.5098
Android (android.graphics.Color)	4293850624 (0xFFEEF600)
YUV	215.5640, -106.2731, 19.6764
Hunter-Lab	91.6999, -27.6884, 56.0203

Details

The YUV color **215.5640, -106.2731, 19.6764** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **30.4360, 106.2731, -19.6764**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.6460, -70.3245, 16.0965**, and **164.4530, -81.0753, 11.0037** is the 20% darker color. If you saturate the color by 10%, you get **215.5640, -106.2731, 19.6764**, and if you desaturate by 10%, it is **218.7130, -95.5005, 17.7917**.

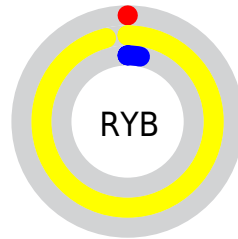
Distribution



Red (93%)

Green (96%)

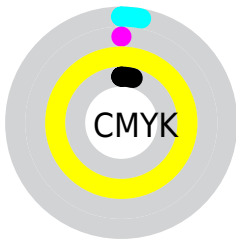
Blue (0%)



Red (0%)

Yellow (96%)

Blue (3%)

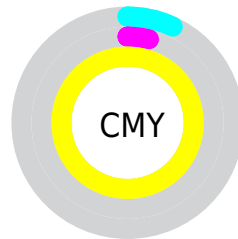


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (4%)



Cyan (7%)

Magenta (4%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.5640, -106.2731, 19.6764 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 215.5640, -106.2731, 19.6764 by changing the saturation by 10% instead.

215.5640,
-106.2731, 19.6764

215.5640,
-106.2731, 19.6764

255.0000, 0.0000,
0.0000

189.8590,
-93.6005, 15.0327

236.6460,
-70.3245, 16.0965

164.4530,
-81.0753, 11.0037

240.1800,
-56.7837, 12.9971

139.6340,
-68.8396, 6.4600

243.6000,
-43.6798, 9.9978

116.0000,
-57.1880, 2.6310

247.0200,
-30.5759, 6.9985

92.3550, -45.5310,
-2.9423

250.4400,
-17.4719, 3.9991

69.3080, -34.1688,
-7.2861

253.9740, -3.9312,

47.7340, -23.5329,

0.8998

-12.0447

■ 26.1490, -12.8915,
-18.5477

■ 12.3270, -6.0772,
-10.8108

■ 215.5640,
-106.2731, 19.6764

■ 218.7130,
-95.5005, 17.7917

■ 221.7480,
-85.1648, 16.0070

■ 224.5980,
-74.2448, 13.5076

■ 227.6330,
-63.9091, 11.7229

■ 230.7820,
-53.1365, 9.8382

■ 233.9310,
-42.3640, 7.9535

■ 236.9660,
-32.0282, 6.1688

■ 239.8160,
-21.1083, 3.6694

■ 242.8510,
-10.7725, 1.8847

Harmonies

Analogous

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



206.0980, -85.8303, 42.8871



215.5640, -106.2731, 19.6764



199.4990, -51.0250, -60.9506

Triad

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



215.5640, -106.2731, 19.6764



178.7550, 37.5888, -156.7681



195.1260, 29.5179, 52.5095

Complementary

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



215.5640, -106.2731, 19.6764



30.4360, 106.2731, -19.6764

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.



217.4320, 18.5210, 32.9471



215.5640, -106.2731, 19.6764



178.7550, 37.5888, -156.7681

Square

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



215.5640, -106.2731, 19.6764



178.7550, 37.5888, -156.7681



203.8360, 25.2239, -63.8772



184.1770, 5.3357, 62.1118

Rectangle

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



215.5640, -106.2731, 19.6764



167.3550, -6.0910, -146.7703



203.8360, 25.2239, -63.8772



201.5830, 26.3346, 46.8467

Sweetspot

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



215.5640, -106.2731, 19.6764



245.7380, -32.9018, 6.3688



75.9020, -37.4197, 149.1759



122.1580, -19.7979, 3.3694



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.



215.5640, -106.2731, 19.6764



223.5380, -110.2042, 20.5762



179.9830, -88.7316, -53.4821



120.6320, -5.2416, 1.1997



163.0020, -80.3600, 14.9072



51.6760, -25.4763, 4.6691

Inverse Universe

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



30.4360, 106.2731, -19.6764



31.4620, 110.2042, -20.5762



66.0170, 88.7316, 53.4821



111.6670, 5.0942, -0.5850



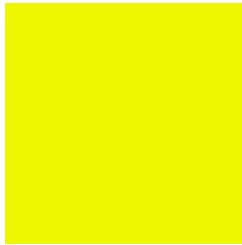
22.9980, 80.3600, -14.9072



7.3240, 25.4763, -4.6691

Previews

White Background



This preview shows how the YUV color 215.5640, -106.2731, 19.6764 looks on a white background.

Color Contrast Check

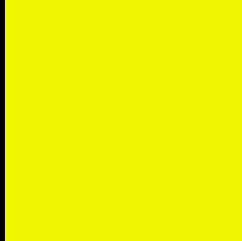
Large Text (above 18pt) WCAG AA × Fail

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 215.5640, -106.2731, 19.6764 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 215.5640, -106.2731, 19.6764 Background



This preview shows how black text looks on a background with the YUV color 215.5640, -106.2731, 19.6764.

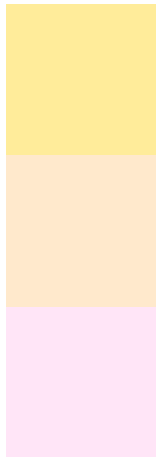


This preview shows how white text looks on a background with the YUV color 215.5640, -106.2731, 19.6764.

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



Protanopia

232.3330, -38.6182, 19.8790

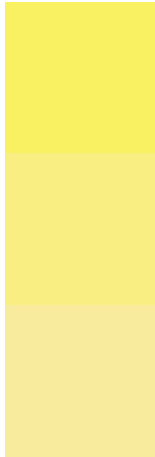
Deuteranopia

236.2720, -15.9101, 16.4245

Tritanopia

238.8260, 4.0298, 14.1846

Trichromacy



Protanomaly

226.5030, -63.3520, 19.7299

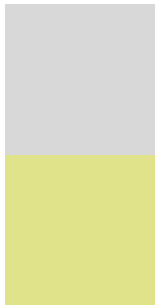
Deuteranomaly

228.9770, -48.7957, 17.5602

Tritanomaly

230.2940, -36.1339, 16.4052

Monochromacy



Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.8430, -38.8696, 7.1537

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.5640, -106.2731, 19.6764 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(238, 246, 0)` looks like.

```
.text, #text, p{  
    color:rgb(238, 246, 0)  
}
```

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(238, 246, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 246, 0) }
```

Border

The CSS property to change the border of an element to YUV 215.5640, -106.2731, 19.6764 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(238, 246, 0) }
```

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

```
.border{ border-color:rgb(238, 246, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 246, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 246, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 246, 0);  
box-shadow:4px 4px 4px 4px rgb(238, 246,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 215.5640, -106.2731, 19.6764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 246, 0) }
```

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

```
.background{ background-color: rgb(238,  
246, 0) }
```

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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