

Converting Colors

YUV(216.0730, -98.1430,
25.3690)

Have a look what the booklet for
YUV(216.0730, -98.1430, 25.3690)
contains.

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Color

**YUV(216.0730, -98.1430,
25.3690)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F011
RGB	245, 240, 17
RGB Percent	96%, 94%, 7%
CMY	0.0392, 0.0588, 0.9333
CMYK	0.00, 0.02, 0.93, 0.04
HSL	59°, 92%, 51%
HSV	59°, 93%, 96%
XYZ	68.9175, 81.7731, 12.6818
YIQ	216.0730, 74.5630, -68.2930

Conversions

Conversions Part 2

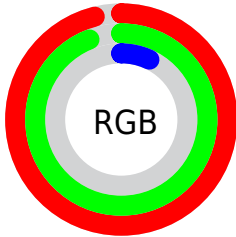
Format	Color
R _{YB}	22, 245, 17
Decimal	16117777
CIE Lab	92.47, -18.37, 89.35
CIE LCh	92, 91.222, 101.617
Yxy	81.7731, 0.4218, 0.5005
Android (android.graphics.Color)	4294307857 (0xFFFF5F011)
YUV	216.0730, -98.1430, 25.3690
Hunter-Lab	90.4285, -22.2113, 54.9851

Details

The YUV color **216.0730, -98.1430, 25.3690** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **45.9270, 98.1430, -25.3690**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.9880, -69.0141, 15.7965**, and **163.0240, -80.3708, 18.3960** is the 20% darker color. If you saturate the color by 10%, you get **214.1350, -105.5686, 27.0686**, and if you desaturate by 10%, it is **219.5100, -87.5124, 22.3547**.

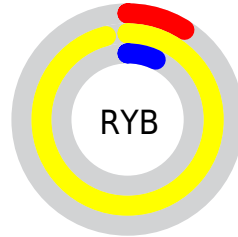
Distribution



Red (96%)

Green (94%)

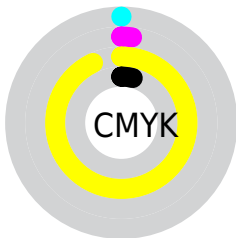
Blue (7%)



Red (9%)

Yellow (96%)

Blue (7%)

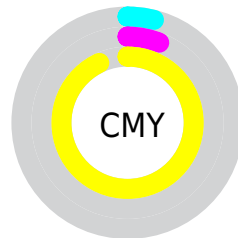


Cyan (0%)

Magenta (2%)

Yellow (93%)

Black (4%)



Cyan (4%)

Magenta (6%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.0730, -98.1430, 25.3690 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 216.0730, -98.1430, 25.3690 by changing the saturation by 10% instead.

216.0730,
-98.1430, 25.3690

216.0730,
-98.1430, 25.3690

255.0000, 0.0000,
0.0000

188.4300,
-92.8960, 22.4249

236.9880,
-69.0141, 15.7965

163.0240,
-80.3708, 18.3960

240.5220,
-55.4733, 12.6972

138.7920,
-68.4245, 13.3374

243.9420,
-42.3694, 9.6979

114.8590,
-56.6255, 8.8937

247.2480,
-29.7023, 6.7985

91.5130, -45.1159,
3.9351

250.6680,
-16.5983, 3.7992

69.0530, -34.0431,
-0.9235

254.0880, -3.4944,

47.7780, -23.5546,

0.7998

-5.0673

■ 27.0900, -13.3554,
-9.7259

■ 9.3920, -4.6303,
-8.2368

■ 216.0730,
-98.1430, 25.3690

■ 216.0730,
-98.1430, 25.3690

■ 214.1350,
-105.5686, 27.0686

■ 219.5100,
-87.5124, 22.3547

■ 222.2460,
-77.0293, 19.9553

■ 225.6830,
-66.3987, 16.9410

■ 228.4190,
-55.9156, 14.5415

■ 231.7420,
-45.7218, 11.6273

■ 234.5920,
-34.8019, 9.1278

■ 238.0290,
-24.1713, 6.1136

■ 240.7650,
-13.6881, 3.7141

■ 244.2020, -3.0576,
0.6998

Harmonies

Analogous

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



204.5140, -76.6684, 44.2762



216.0730, -98.1430, 25.3690



203.8980, -56.1517, -49.8995

Triad

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



216.0730, -98.1430, 25.3690



178.7550, 37.5888, -156.7681



197.4740, 28.3603, 50.4503

Complementary

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



216.0730, -98.1430, 25.3690



45.9270, 98.1430, -25.3690

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.



219.1930, 17.6529, 31.4027



216.0730, -98.1430, 25.3690



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.



216.0730, -98.1430, 25.3690



178.7550, 37.5888, -156.7681



196.3500, 28.9145, -80.9909



185.0890, 8.8301, 61.3119

Rectangle

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



216.0730, -98.1430, 25.3690



166.2150, -10.4590, -145.7706



196.3500, 28.9145, -80.9909



203.9310, 25.1770, 44.7875

Sweetspot

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



216.0730, -98.1430, 25.3690



245.7320, -30.4339, 8.1280



86.0840, -30.1144, 139.3693



122.3970, -18.9297, 4.9138



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.



216.0730, -98.1430, 25.3690



222.4080, -109.6471, 28.5832



187.3140, -83.9648, -42.3714



120.6320, -5.2416, 1.1997



162.4480, -80.0869, 20.6551



51.1000, -25.1923, 6.9283

Inverse Universe

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



45.9270, 98.1430, -25.3690



32.5920, 109.6471, -28.5832



74.6860, 83.9648, 42.3714



111.3680, 5.2416, -1.1997



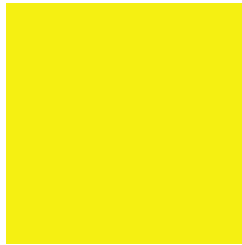
23.5520, 80.0869, -20.6551



7.3130, 25.4817, -6.4135

Previews

White Background



This preview shows how the YUV color 216.0730, -98.1430, 25.3690 looks on a white background.

Color Contrast Check

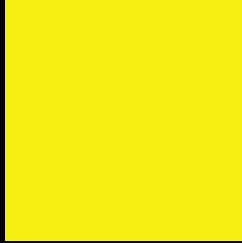
Large Text (above 18pt) WCAG AA × Fail

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 216.0730, -98.1430, 25.3690 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 216.0730, -98.1430, 25.3690

Background



This preview shows how black text looks on a background with the YUV color 216.0730, -98.1430, 25.3690.



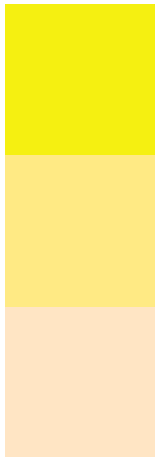
This preview shows how white text looks on a background with the YUV color 216.0730, -98.1430, 25.3690.

25.3690.

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

216.0730, -98.1430, 25.3690

Protanopia

228.6510, -47.6489, 23.1081

Deuteranopia

233.0120, -18.2469, 19.2835



Tritanopia

235.5660, 1.6930, 17.0436

Trichromacy



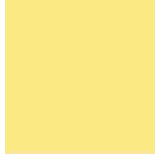
Original Color

216.0730, -98.1430, 25.3690



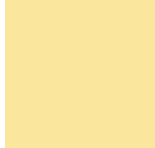
Protanomaly

223.8410, -65.9836, 23.8184



Deuteranomaly

226.7540, -47.2067, 21.2637



Tritanomaly

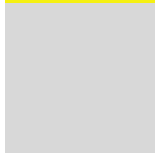
228.0710, -34.5450, 20.1087

Monochromacy



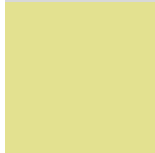
Original Color

216.0730, -98.1430, 25.3690



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

216.3640, -35.6755, 9.3278

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.0730, -98.1430, 25.3690 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(245, 240, 17)` looks like.

```
.text, #text, p{  
    color:rgb(245, 240, 17)  
}
```

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(245, 240, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 240, 17) }
```

Border

The CSS property to change the border of an element to YUV 216.0730, -98.1430, 25.3690 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(245, 240, 17) }
```


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

```
.border{ border-color:rgb(245, 240, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 240, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 240, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 240, 17);  
box-shadow:4px 4px 4px 4px rgb(245, 240,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 216.0730, -98.1430, 25.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 240, 17) }
```

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

```
.background{ background-color: rgb(245,  
240, 17) }
```

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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