

Converting Colors

YUV(218.5450, -93.9387,
30.2170)

Have a look what the booklet for
YUV(218.5450, -93.9387, 30.2170)
contains.

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Color

**YUV(218.5450, -93.9387,
30.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	FDEE1C
RGB	253, 238, 28
RGB Percent	99%, 93%, 11%
CMY	0.0078, 0.0667, 0.8902
CMYK	0.00, 0.06, 0.89, 0.01
HSL	56°, 98%, 55%
HSV	56°, 89%, 99%
XYZ	71.2921, 82.1156, 13.1910
YIQ	218.5450, 76.3500, -62.1300

Conversions

Conversions Part 2

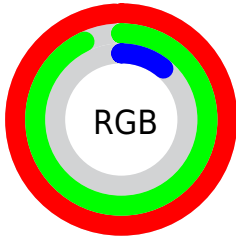
Format	Color
R_{YB}	44, 253, 28
Decimal	16641564
CIE _{Lab}	92.63, -13.92, 88.32
CIE _{LCh}	93, 89.414, 98.956
Yxy	82.1156, 0.4279, 0.4929
Android (android.graphics.Color)	4294831644 (0xFFFDEE1C)
YUV	218.5450, -93.9387, 30.2170
Hunter-Lab	90.6176, -18.1485, 54.8016

Details

The YUV color **218.5450, -93.9387, 30.2170** 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 **62.4550, 93.9387, -30.2170**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.4440, -67.2669, 15.3966**, and **164.2420, -80.9713, 24.3438** is the 20% darker color. If you saturate the color by 10%, you get **214.5210, -104.2799, 33.7461**, and if you desaturate by 10%, it is **222.5690, -83.5975, 26.6880**.

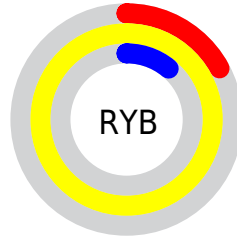
Distribution



Red (99%)

Green (93%)

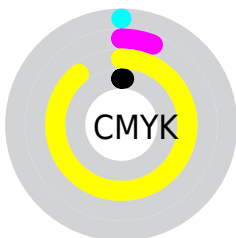
Blue (11%)



Red (17%)

Yellow (99%)

Blue (11%)

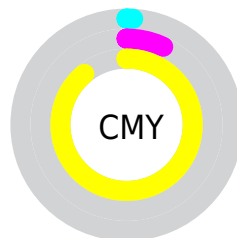


Cyan (0%)

Magenta (6%)

Yellow (89%)

Black (1%)



Cyan (1%)

Magenta (7%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.5450, -93.9387, 30.2170 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 218.5450, -93.9387, 30.2170 by changing the saturation by 10% instead.

218.5450,
-93.9387, 30.2170

218.5450,
-93.9387, 30.2170

255.0000, 0.0000,
0.0000

189.6480,
-93.4965, 28.3727

237.4440,
-67.2669, 15.3966

164.2420,
-80.9713, 24.3438

240.8640,
-54.1630, 12.3973

140.0100,
-69.0249, 19.2852

244.2840,
-41.0590, 9.3979

116.0770,
-57.2260, 14.8415

247.7040,
-27.9551, 6.3986

92.4320, -45.5690,
9.2681

251.1240,
-14.8511, 3.3993

70.2710, -34.6436,
5.0243

254.5440, -1.7472,

49.2840, -24.2970,

0.3999

-0.2491

■ 28.8950, -14.2452,
-4.2929

■ 9.9790, -4.9196,
-8.7516

■ 218.5450,
-93.9387, 30.2170

■ 218.5450,
-93.9387, 30.2170

■ 214.5210,
-104.2799, 33.7461

■ 222.5690,
-83.5975, 26.6880

■ 214.1790,
-105.5902, 34.0460

■ 226.1200,
-72.5302, 23.5738

■ 230.1440,
-62.1890, 20.0447

■ 234.1680,
-51.8478, 16.5157

■ 237.7190,
-40.7805, 13.4014

■ 241.7430,
-30.4393, 9.8724

■ 245.7670,
-20.0981, 6.3433

■ 249.2040, -9.4676,
3.3291

■ 253.2280, 0.8736,
-0.2000

Harmonies

Analogous

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



204.7080, -70.8480, 44.1061



218.5450, -93.9387, 30.2170



207.5570, -58.9416, -41.7075

Triad

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



218.5450, -93.9387, 30.2170



178.7550, 37.5888, -156.7681



200.4090, 26.9134, 47.8763

Complementary

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



218.5450, -93.9387, 30.2170



62.4550, 93.9387, -30.2170

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.



222.1280, 16.2059, 28.8287



218.5450, -93.9387, 30.2170



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.



218.5450, -93.9387, 30.2170



178.7550, 37.5888, -156.7681



190.6360, 31.7315, -97.9048



187.8760, 11.8931, 58.8677

Rectangle

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



218.5450, -93.9387, 30.2170



179.1000, -19.2763, -117.6057



190.6360, 31.7315, -97.9048



207.4530, 23.4407, 41.6987

Sweetspot

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



218.5450, -93.9387, 30.2170



244.1990, -28.6921, 9.4725



96.9850, -26.6146, 136.8252



121.5650, -17.0405, 5.6435



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.



218.5450, -93.9387, 30.2170



215.9510, -106.4638, 34.2460



198.3470, -83.9811, -37.1383



125.9310, -5.3890, 1.8145



162.1820, -79.9557, 25.2734



54.3560, -26.7975, 8.4578

Inverse Universe

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



62.4550, 93.9387, -30.2170



39.0490, 106.4638, -34.2460



82.9520, 83.8337, 37.7531



117.0690, 5.3890, -1.8145



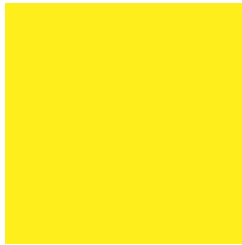
29.4050, 79.6663, -25.7882



9.6440, 26.7975, -8.4578

Previews

White Background



This preview shows how the YUV color 218.5450, -93.9387, 30.2170 looks on a white background.

Color Contrast Check

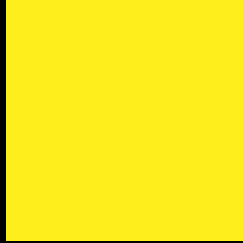
Large Text (above 18pt) WCAG AA × Fail

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 218.5450, -93.9387, 30.2170 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 218.5450, -93.9387, 30.2170

Background



This preview shows how black text looks on a background with the YUV color 218.5450, -93.9387, 30.2170.



This preview shows how white text looks on a background with the YUV color 218.5450, -93.9387, 30.2170.

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

218.5450, -93.9387, 30.2170

Protanopia

229.2210, -45.4650, 22.6082

Deuteranopia

233.8270, -17.6627, 18.5687



Tritanopia

235.9250, 0.5300, 16.7288

Trichromacy



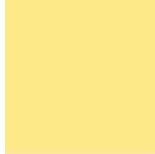
Original Color

218.5450, -93.9387, 30.2170



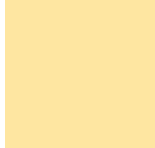
Protanomaly

224.9490, -63.0789, 25.4777



Deuteranomaly

228.2210, -45.4650, 22.6082



Tritanomaly

229.3100, -33.6768, 21.6531

Monochromacy



Original Color

218.5450, -93.9387, 30.2170



Achromatopsia

219.0000, 0.0000, 0.0000



Achromatomaly

218.8310, -33.9337, 10.6722

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.5450, -93.9387, 30.2170 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(253, 238, 28)` looks like.

```
.text, #text, p{  
    color:rgb(253, 238, 28)  
}
```

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(253, 238, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 238, 28) }
```

Border

The CSS property to change the border of an element to YUV 218.5450, -93.9387, 30.2170 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(253, 238, 28) }
```


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

```
.border{ border-color:rgb(253, 238, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 238, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 238, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 238, 28);  
box-shadow:4px 4px 4px 4px rgb(253, 238,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 218.5450, -93.9387, 30.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 238, 28) }
```

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

```
.background{ background-color: rgb(253,  
238, 28) }
```

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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