

Converting Colors

YUV(220.4720, -66.2947,
30.2811)

Have a look what the booklet for
YUV(220.4720, -66.2947, 30.2811)
contains.

YUV(220.4720, -66.2947, 30.2811)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(220.4720, -66.2947,
30.2811)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE556
RGB	255, 229, 86
RGB Percent	100%, 90%, 34%
CMY	0.0000, 0.1020, 0.6627
CMYK	0.00, 0.10, 0.66, 0.00
HSL	51°, 100%, 67%
HSV	51°, 66%, 100%
XYZ	70.9390, 77.9705, 20.1150
YIQ	220.4720, 61.3990, -38.9610

Conversions

Conversions Part 2

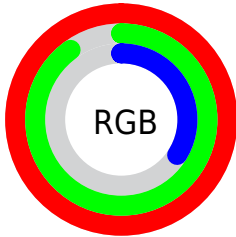
Format	Color
RYB	117, 255, 86
Decimal	16770390
CIELab	90.77, -6.66, 70.17
CIELCh	91, 70.488, 95.419
Yxy	77.9705, 0.4197, 0.4613
Android (android.graphics.Color)	4294960470 (0xFFFFE556)
YUV	220.4720, -66.2947, 30.2811
Hunter-Lab	88.3009, -11.1236, 48.3043

Details

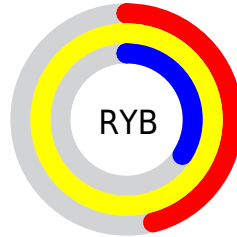
The YUV color **220.4720, -66.2947, 30.2811** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **120.5280, 66.2947, -30.2811**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.1180, -49.3582, 11.2975**, and **162.8370, -69.9256, 28.2070** is the 20% darker color. If you saturate the color by 10%, you get **215.2740, -76.0571, 34.8397**, and if you desaturate by 10%, it is **225.7840, -56.0955, 25.6224**.

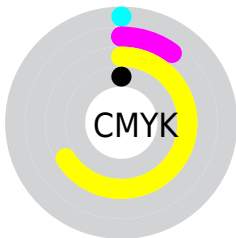
Distribution



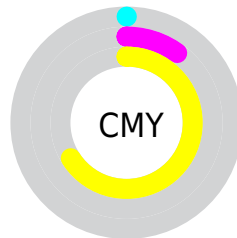
- Red (100%)
- Green (90%)
- Blue (34%)



- Red (46%)
- Yellow (100%)
- Blue (34%)



- Cyan (0%)
- Magenta (10%)
- Yellow (66%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.4720, -66.2947, 30.2811 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 220.4720, -66.2947, 30.2811 by changing the saturation by 10% instead.

220.4720,
-66.2947, 30.2811

220.4720,
-66.2947, 30.2811

255.0000, 0.0000,
0.0000

191.7600,
-66.4367, 29.1515

242.1180,
-49.3582, 11.2975

162.8370,
-69.9256, 28.2070

245.3100,
-37.1278, 8.4981

135.6240,
-66.8626, 25.7628

248.6160,
-24.4607, 5.5988

112.5770,
-55.5005, 21.4190

251.9220,
-11.7935, 2.6994

89.5300, -44.1383,
17.0752

67.6570, -33.3549,
11.7018

46.6700, -23.0083,

6.4284

■ 27.1670, -13.3933,
2.4845

■ 2.9350, -1.4470,
-2.5740

■ 220.4720,
-66.2947, 30.2811

■ 220.4720,
-66.2947, 30.2811

■ 215.2740,
-76.0571, 34.8397

■ 225.7840,
-56.0955, 25.6224

■ 209.9620,
-86.2563, 39.4983

■ 230.9820,
-46.3331, 21.0638

■ 204.7640,
-96.0187, 44.0570

■ 236.2940,
-36.1339, 16.4052

■ 203.0370,
-100.0972, 45.5716

■ 241.4920,
-26.3716, 11.8465

■ 246.8040,
-16.1724, 7.1879

■ 252.0020, -6.4100,
2.6292

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.



208.4360, -51.4869, 40.8366



220.4720, -66.2947, 30.2811



212.8870, -49.2443, -25.3339

Triad

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



220.4720, -66.2947, 30.2811



178.7550, 37.5888, -156.7681



210.9750, 21.7043, 38.6099

Complementary

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



220.4720, -66.2947, 30.2811



120.5280, 66.2947, -30.2811

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.



224.4430, 15.0646, 21.5365



220.4720, -66.2947, 30.2811



175.8200, 39.0357, -154.1941

Square

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



220.4720, -66.2947, 30.2811



176.9310, 30.6000, -155.1685



201.7320, 26.2611, -69.9250



200.4140, 9.1629, 47.8719

Rectangle

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



220.4720, -66.2947, 30.2811



203.7470, -26.9903, -69.9381



201.7320, 26.2611, -69.9250



215.6710, 19.3892, 34.4915

Sweetspot

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



220.4720, -66.2947, 30.2811



244.4900, -19.9616, 9.2173



139.7230, -12.6814, 101.0979



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.



220.4720, -66.2947, 30.2811



213.5470, -80.1357, 36.3543



218.9900, -65.5641, -17.5312



125.3440, -5.0996, 2.3293



152.2030, -75.0361, 34.0250



50.8340, -25.0612, 11.5466

Inverse Universe

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



120.5280, 66.2947, -30.2811



92.4530, 80.1357, -36.3543



122.0100, 65.5641, 17.5312



117.6560, 5.0996, -2.3293



38.7970, 75.0361, -34.0250



13.1660, 25.0612, -11.5466

Previews

White Background



This preview shows how the YUV color 220.4720, -66.2947, 30.2811 looks on a white background.

Color Contrast Check

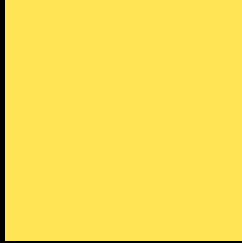
Large Text (above 18pt) WCAG AA × Fail

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 220.4720, -66.2947, 30.2811 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 220.4720, -66.2947, 30.2811

Background



This preview shows how black text looks on a background with the YUV color 220.4720, -66.2947, 30.2811.



This preview shows how white text looks on a background with the YUV color 220.4720, -66.2947, 30.2811.

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

220.4720, -66.2947, 30.2811

Protanopia

220.5860, -65.8579, 30.1811

Deuteranopia

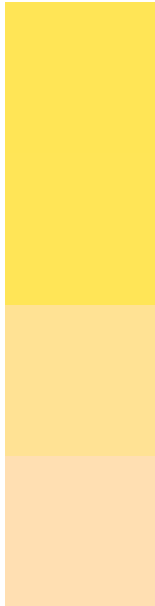
228.5950, -22.4783, 23.1572



Tritanopia

231.0180, -0.5019, 21.0322

Trichromacy



Original Color

220.4720, -66.2947, 30.2811

Protanomaly

220.5860, -65.8579, 30.1811

Deuteranomaly

225.7790, -38.3450, 25.6268

Tritanomaly

227.4380, -24.3729, 24.1719

Monochromacy



Original Color

220.4720, -66.2947, 30.2811

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.0620, -24.1876, 11.3466

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.4720, -66.2947, 30.2811 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, 229, 86)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 86)  
}
```

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, 229, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 86) }
```

Border

The CSS property to change the border of an element to YUV 220.4720, -66.2947, 30.2811 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, 229, 86) }
```


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

```
.border{ border-color:rgb(255, 229, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 86);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 220.4720, -66.2947, 30.2811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 86) }
```

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

```
.background{ background-color: rgb(255,  
229, 86) }
```

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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