

Converting Colors

YUV(220.5060, -74.6925,
17.0962)

Have a look what the booklet for
YUV(220.5060, -74.6925, 17.0962)
contains.

YUV(220.5060, -74.6925, 17.0962)	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(220.5060, -74.6925,
17.0962)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F045
RGB	240, 240, 69
RGB Percent	94%, 94%, 27%
CMY	0.0588, 0.0588, 0.7294
CMYK	0.00, 0.00, 0.71, 0.06
HSL	60°, 85%, 61%
HSV	60°, 71%, 94%
XYZ	68.1694, 81.2751, 17.7250
YIQ	220.5060, 54.8910, -53.1810

Conversions

Conversions Part 2

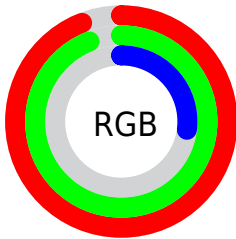
Format	Color
RYB	69, 240, 69
Decimal	15790149
CIELab	92.25, -19.05, 77.44
CIELCh	92, 79.749, 103.820
Yxy	81.2751, 0.4078, 0.4862
Android (android.graphics.Color)	4293980229 (0xFFFF0F045)
YUV	220.5060, -74.6925, 17.0962
Hunter-Lab	90.1527, -22.7935, 51.4499

Details

The YUV color **220.5060, -74.6925, 17.0962** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **88.4940, 74.6925, -17.0962**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.5220, -55.4733, 12.6972**, and **161.8280, -79.7812, 15.9368** is the 20% darker color. If you saturate the color by 10%, you get **217.7700, -85.1756, 19.4957**, and if you desaturate by 10%, it is **223.2420, -64.2093, 14.6968**.

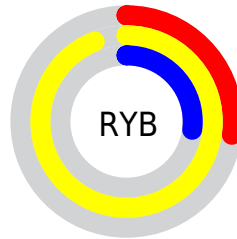
Distribution



Red (94%)

Green (94%)

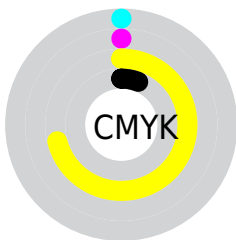
Blue (27%)



Red (27%)

Yellow (94%)

Blue (27%)

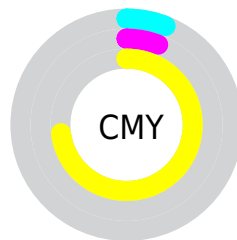


Cyan (0%)

Magenta (0%)

Yellow (71%)

Black (6%)



Cyan (6%)

Magenta (6%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.5060, -74.6925, 17.0962 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 220.5060, -74.6925, 17.0962 by changing the saturation by 10% instead.

220.5060,
-74.6925, 17.0962

220.5060,
-74.6925, 17.0962

255.0000, 0.0000,
0.0000

191.1100,
-77.4552, 16.5665

240.5220,
-55.4733, 12.6972

161.8280,
-79.7812, 15.9368

243.8280,
-42.8062, 9.7978

137.3080,
-67.6928, 12.0079

247.1340,
-30.1391, 6.8985

113.9620,
-56.1833, 7.0493

250.4400,
-17.4719, 3.9991

90.6270, -44.6791,
3.8351

253.8600, -4.3680,
0.9998

68.1670, -33.6063,
-1.0235

46.5930, -22.9703,

-5.7821

■ 26.4920, -13.0606,
-10.9555

■ 8.8050, -4.3409,
-7.7220

■ 220.5060,
-74.6925, 17.0962

■ 220.5060,
-74.6925, 17.0962

■ 217.7700,
-85.1756, 19.4957

■ 223.2420,
-64.2093, 14.6968

■ 215.0340,
-95.6588, 21.8952

■ 225.9780,
-53.7262, 12.2973

■ 212.6400,
-104.8315, 23.9947

■ 228.7140,
-43.2430, 9.8978

■ 231.4500,
-32.7598, 7.4984

■ 234.1860,
-22.2767, 5.0989

■ 236.9220,
-11.7935, 2.6994

■ 239.6580, -1.3104,
0.2999

■ 241.7100, 6.5520,
-1.4997

Harmonies

Analogous

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



210.7550, -65.4482, 38.8029



220.5060, -74.6925, 17.0962



208.6560, -45.6794, -48.8103

Triad

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



220.5060, -74.6925, 17.0962



178.7550, 37.5888, -156.7681



204.5180, 24.8876, 44.2727

Complementary

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



220.5060, -74.6925, 17.0962



88.4940, 74.6925, -17.0962

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.



220.9540, 16.7847, 29.8583



220.5060, -74.6925, 17.0962



177.5810, 38.1676, -155.7385

Square

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



220.5060, -74.6925, 17.0962



178.7550, 37.5888, -156.7681



209.5390, 22.4123, -48.7077



194.7260, 2.6001, 52.8603

Rectangle

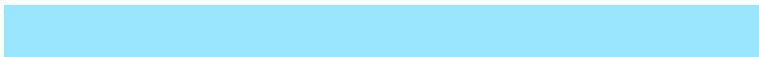
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220.5060, -74.6925, 17.0962



183.7010, -10.6986, -115.5018



209.5390, 22.4123, -48.7077



209.2140, 22.5725, 40.1543

Sweetspot

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



220.5060, -74.6925, 17.0962



248.8440, -23.5871, 5.3988



120.1290, -25.2066, 105.1269



124.3520, -13.9775, 3.1993



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.



220.5060, -74.6925, 17.0962



230.0340, -95.6588, 21.8952



195.0910, -62.1629, -35.1598



118.6320, -5.2416, 1.1997



163.0240, -80.3708, 18.3960



49.6160, -24.4607, 5.5988

Inverse Universe

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



88.4940, 74.6925, -17.0962



60.9660, 95.6588, -21.8952



114.2080, 62.0155, 35.7746



109.3680, 5.2416, -1.1997



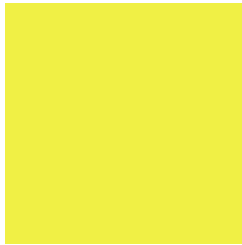
20.9760, 80.3708, -18.3960



6.3840, 24.4607, -5.5988

Previews

White Background



This preview shows how the YUV color 220.5060, -74.6925, 17.0962 looks on a white background.

Color Contrast Check

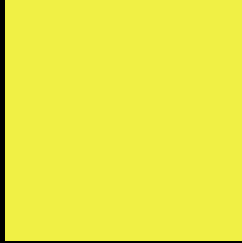
Large Text (above 18pt) WCAG AA × Fail

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 220.5060, -74.6925, 17.0962 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 220.5060, -74.6925, 17.0962

Background



This preview shows how black text looks on a background with the YUV color 220.5060, -74.6925, 17.0962.

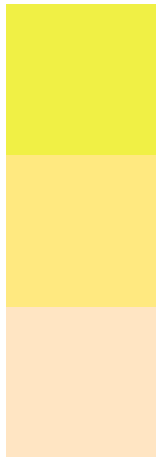


This preview shows how white text looks on a background with the YUV color 220.5060, -74.6925,

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

220.5060, -74.6925, 17.0962

Protanopia

227.6080, -49.1067, 24.0228

Deuteranopia

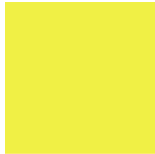
232.8980, -18.6837, 19.3835



Tritanopia

235.3210, 3.2927, 17.2585

Trichromacy



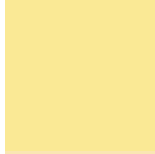
Original Color

220.5060, -74.6925, 17.0962



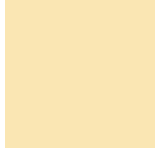
Protanomaly

225.4800, -58.4106, 21.5040



Deuteranomaly

228.5070, -39.1970, 18.8494



Tritanomaly

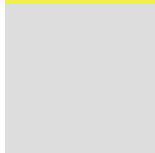
230.1660, -25.2248, 17.3944

Monochromacy



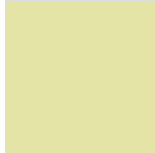
Original Color

220.5060, -74.6925, 17.0962



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

220.9320, -27.0815, 6.1986

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.5060, -74.6925, 17.0962 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(240, 240, 69)` looks like.

```
.text, #text, p{  
    color:rgb(240, 240, 69)  
}
```

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(240, 240, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 240, 69) }
```

Border

The CSS property to change the border of an element to YUV 220.5060, -74.6925, 17.0962 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(240, 240, 69) }
```


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

```
.border{ border-color:rgb(240, 240, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 240, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 240, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 240, 69);  
box-shadow:4px 4px 4px 4px rgb(240, 240,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 220.5060, -74.6925, 17.0962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 240, 69) }
```

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

```
.background{ background-color: rgb(240,  
240, 69) }
```

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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