

Converting Colors

YUV(221.1420, -72.5410,
27.0625)

Have a look what the booklet for
YUV(221.1420, -72.5410, 27.0625)
contains.

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Color

**YUV(221.1420, -72.5410,
27.0625)**

Conversions

Conversions Part 1

Format	Color
Hex	FCEA4A
RGB	252, 234, 74
RGB Percent	99%, 92%, 29%
CMY	0.0118, 0.0824, 0.7098
CMYK	0.00, 0.07, 0.71, 0.01
HSL	54°, 97%, 64%
HSV	54°, 71%, 99%
XYZ	70.8037, 80.0355, 18.1952
YIQ	221.1420, 62.0880, -45.9440

Conversions

Conversions Part 2

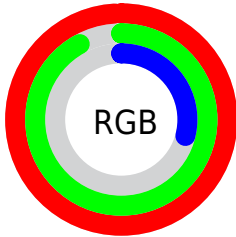
Format	Color
RYB	94, 252, 74
Decimal	16575050
CIELab	91.70, -10.97, 75.53
CIELCh	92, 76.323, 98.266
Yxy	80.0355, 0.4189, 0.4735
Android (android.graphics.Color)	4294765130 (0xFFFC EA4A)
YUV	221.1420, -72.5410, 27.0625
Hunter-Lab	89.4626, -15.2885, 50.5652

Details

The YUV color $221.1420, -72.5410, 27.0625$ 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 $104.8580, 72.5410, -27.0625$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.9780, -53.7262, 12.2973$, and $162.4810, -80.1031, 25.8882$ is the 20% darker color. If you saturate the color by 10%, you get $216.5310, -82.5928, 31.1063$, and if you desaturate by 10%, it is $225.7530, -62.4892, 23.0186$.

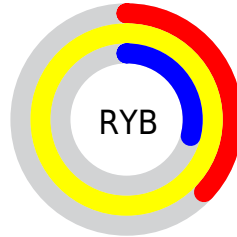
Distribution



Red (99%)

Green (92%)

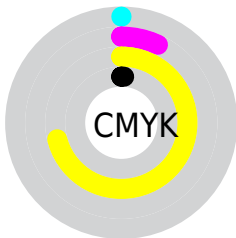
Blue (29%)



Red (37%)

Yellow (99%)

Blue (29%)

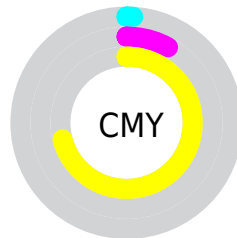


Cyan (0%)

Magenta (7%)

Yellow (71%)

Black (1%)



Cyan (1%)

Magenta (8%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.1420, -72.5410, 27.0625 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 221.1420, -72.5410, 27.0625 by changing the saturation by 10% instead.

221.1420,
-72.5410, 27.0625

221.1420,
-72.5410, 27.0625

255.0000, 0.0000,
0.0000

192.0880,
-73.9934, 26.2328

240.9780,
-53.7262, 12.2973

162.4810,
-80.1031, 25.8882

244.1700,
-41.4958, 9.4979

137.6620,
-67.8674, 21.3444

247.4760,
-28.8287, 6.5985

113.7290,
-56.0684, 16.9007

250.7820,
-16.1615, 3.6992

91.2690, -44.9956,
12.0421

254.2020, -3.0576,
0.6998

68.8090, -33.9228,
7.1835

47.5340, -23.4343,

3.0397

■ 27.7320, -13.6719,
-1.5190

■ 7.0440, -3.4727,
-6.1776

■ 221.1420,
-72.5410, 27.0625

■ 221.1420,
-72.5410, 27.0625

■ 216.5310,
-82.5928, 31.1063

■ 225.7530,
-62.4892, 23.0186

■ 212.5070,
-92.9340, 34.6354

■ 229.7770,
-52.1481, 19.4896

■ 208.5970,
-102.8383, 38.0644

■ 234.5020,
-41.6595, 15.3457

■ 238.5260,
-31.3183, 11.8167

■ 243.1370,
-21.2665, 7.7729

■ 247.1610,
-10.9254, 4.2438

■ 251.7720, -0.8736,
0.2000

■ 253.5160, 0.7316,
-1.3295

■ 254.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



208.7150, -58.0335, 40.5919



221.1420, -72.5410, 27.0625



212.9630, -51.2538, -34.1706

Triad

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



221.1420, -72.5410, 27.0625



178.7550, 37.5888, -156.7681



208.0400, 23.1513, 41.1839

Complementary

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



221.1420, -72.5410, 27.0625



104.8580, 72.5410, -27.0625

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.



224.4760, 15.0483, 26.7695



221.1420, -72.5410, 27.0625



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.



221.1420, -72.5410, 27.0625



178.1850, 35.4048, -156.2682



203.2160, 25.5295, -68.5954



196.9090, 8.4259, 50.9458

Rectangle

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



221.1420, -72.5410, 27.0625



197.0980, -22.7263, -84.2779



203.2160, 25.5295, -68.5954



212.7360, 20.8362, 37.0655

Sweetspot

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



221.1420, -72.5410, 27.0625



245.9090, -22.1401, 7.9728



129.6160, -17.0657, 107.3308



122.0040, -12.8200, 5.2585



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.



221.1420, -72.5410, 27.0625



217.3480, -88.4186, 33.0208



211.3760, -67.7264, -24.0088



122.9310, -5.3890, 1.8145



156.3010, -77.0564, 28.6770



50.5240, -24.9083, 9.1875

Inverse Universe

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



104.8580, 72.5410, -27.0625



75.6520, 88.4186, -33.0208



114.6240, 67.7264, 24.0088



114.6560, 5.0996, -2.3293



32.6990, 77.0564, -28.6770



10.4760, 24.9083, -9.1875

Previews

White Background



This preview shows how the YUV color 221.1420, -72.5410, 27.0625 looks on a white background.

Color Contrast Check

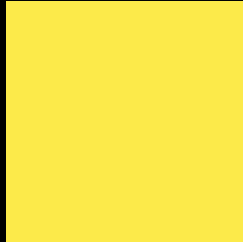
Large Text (above 18pt) WCAG AA × Fail

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 221.1420, -72.5410, 27.0625 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 221.1420, -72.5410, 27.0625

Background



This preview shows how black text looks on a background with the YUV color 221.1420, -72.5410, 27.0625.



This preview shows how white text looks on a background with the YUV color 221.1420, -72.5410, 27.0625.

27.0625.

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

221.1420, -72.5410, 27.0625

Protanopia

225.5390, -54.4957, 25.8373

Deuteranopia

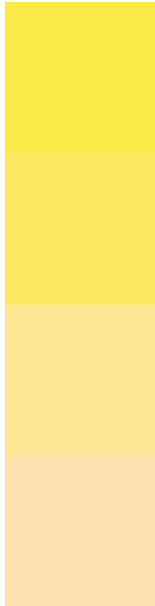
231.2680, -19.8521, 20.8130



Tritanopia

233.8220, 0.0878, 18.5731

Trichromacy



Original Color

221.1420, -72.5410, 27.0625

Protanomaly

224.1170, -61.1897, 26.2074

Deuteranomaly

227.8280, -39.3552, 22.9528

Tritanomaly

229.2590, -26.2567, 21.6979

Monochromacy



Original Color

221.1420, -72.5410, 27.0625

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.1820, -26.2187, 9.4874

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.1420, -72.5410, 27.0625 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(252, 234, 74)` looks like.

```
.text, #text, p{  
    color:rgb(252, 234, 74)  
}
```

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(252, 234, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 234, 74) }
```

Border

The CSS property to change the border of an element to YUV 221.1420, -72.5410, 27.0625 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(252, 234, 74) }
```


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

```
.border{ border-color:rgb(252, 234, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 234, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 234, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 234, 74);  
box-shadow:4px 4px 4px 4px rgb(252, 234,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 221.1420, -72.5410, 27.0625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 234, 74) }
```

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

```
.background{ background-color: rgb(252,  
234, 74) }
```

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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