

Converting Colors

YUV(221.3020, -65.2249,
13.7671)

Have a look what the booklet for
YUV(221.3020, -65.2249, 13.7671)
contains.

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Color

**YUV(221.3020, -65.2249,
13.7671)**

Conversions

Conversions Part 1

Format	Color
Hex	EDEF59
RGB	237, 239, 89
RGB Percent	93%, 94%, 35%
CMY	0.0706, 0.0627, 0.6510
CMYK	0.01, 0.00, 0.63, 0.06
HSL	61°, 82%, 64%
HSV	61°, 63%, 94%
XYZ	67.5947, 80.4588, 21.4187
YIQ	221.3020, 46.9580, -47.0740

Conversions

Conversions Part 2

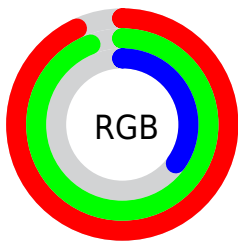
Format	Color
R _{YB}	89, 239, 91
Decimal	15593305
CIE Lab	91.89, -18.74, 69.70
CIE LCh	92, 72.178, 105.051
Yxy	80.4588, 0.3989, 0.4748
Android (android.graphics.Color)	4293783385 (0xFFEDEF59)
YUV	221.3020, -65.2249, 13.7671
Hunter-Lab	89.6988, -22.4599, 48.6317

Details

The YUV color **221.3020, -65.2249, 13.7671** 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 **106.6980, 65.2249, -13.7671**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.4600, -48.0478, 10.9976**, and **163.4930, -68.2770, 12.7226** is the 20% darker color. If you saturate the color by 10%, you get **218.5660, -75.7080, 16.1666**, and if you desaturate by 10%, it is **224.0380, -54.7417, 11.3677**.

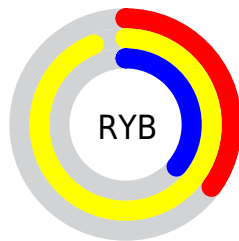
Distribution



Red (93%)

Green (94%)

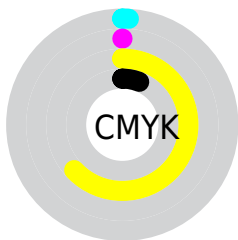
Blue (35%)



Red (35%)

Yellow (94%)

Blue (36%)

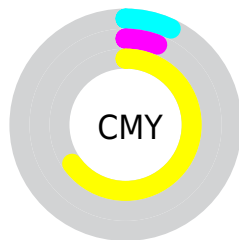


Cyan (1%)

Magenta (0%)

Yellow (63%)

Black (6%)



Cyan (7%)

Magenta (6%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.3020, -65.2249, 13.7671 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 221.3020, -65.2249, 13.7671 by changing the saturation by 10% instead.

221.3020,
-65.2249, 13.7671

221.3020,
-65.2249, 13.7671

255.0000, 0.0000,
0.0000

192.5900,
-65.3669, 12.6376

242.4600,
-48.0478, 10.9976

163.4930,
-68.2770, 12.7226

245.7660,
-35.3806, 8.0982

136.1230,
-67.1086, 11.2931

248.9580,
-23.1503, 5.2988

113.0760,
-55.7465, 6.9493

252.3780,
-10.0464, 2.2995

89.7410, -44.2423,
3.7351

67.2810, -33.1695,
-1.1234

46.5930, -22.9703,

-5.7821

■ 25.9050, -12.7712,
-10.4407

■ 7.6310, -3.7621,
-6.6924

■ 221.3020,
-65.2249, 13.7671

■ 221.3020,
-65.2249, 13.7671

■ 218.5660,
-75.7080, 16.1666

■ 224.0380,
-54.7417, 11.3677

■ 215.5310,
-86.0438, 17.9513

■ 227.0730,
-44.4060, 9.5830

■ 212.7950,
-96.5269, 20.3508

■ 229.8090,
-33.9228, 7.1835

■ 210.8570,
-103.9525, 22.0504

■ 232.5450,
-23.4397, 4.7840

■ 235.5800,
-13.1039, 2.9993

■ 238.2020, -3.0576,
0.6998

■ 240.8240, 6.9888,
-1.5996

■ 241.1230, 6.8414,
-0.9849

Harmonies

Analogous

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



213.6390, -59.4750, 36.2736



221.3020, -65.2249, 13.7671



211.6330, -40.7381, -47.0361

Triad

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



221.3020, -65.2249, 13.7671



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.



221.3020, -65.2249, 13.7671



106.6980, 65.2249, -13.7671

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



221.3020, -65.2249, 13.7671



175.2330, 39.3251, -153.6793

Square

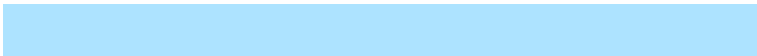
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.3020, -65.2249, 13.7671



178.7550, 37.5888, -156.7681



214.0460, 20.1903, -35.9973



199.3080, -0.1518, 48.8419

Rectangle

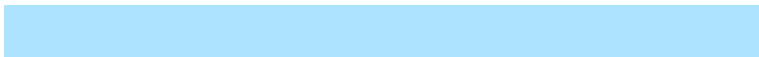
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221.3020, -65.2249, 13.7671



192.9850, -11.3316, -99.0878



214.0460, 20.1903, -35.9973



212.1490, 21.1255, 37.5803

Sweetspot

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



221.3020, -65.2249, 13.7671



249.2290, -20.8189, 4.1842



133.8500, -22.1110, 92.2166



124.2810, -12.9565, 2.3846



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.



221.3020, -65.2249, 13.7671



232.3290, -82.9862, 17.2515



199.4750, -54.4642, -31.1116



118.6320, -5.2416, 1.1997



162.1270, -79.9286, 16.5516



49.3170, -24.3133, 4.9840

Inverse Universe

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



106.6980, 65.2249, -13.7671



86.3720, 83.1336, -17.8662



128.5250, 54.4642, 31.1116



109.3680, 5.2416, -1.1997



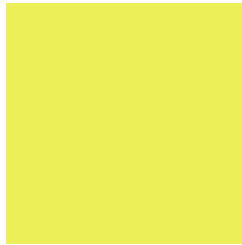
21.5740, 80.0760, -17.1664



6.6830, 24.3133, -4.9840

Previews

White Background



This preview shows how the YUV color 221.3020, -65.2249, 13.7671 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 221.3020, -65.2249, 13.7671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

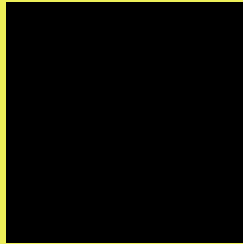
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 221.3020, -65.2249, 13.7671

Background



This preview shows how black text looks on a background with the YUV color 221.3020, -65.2249, 13.7671.

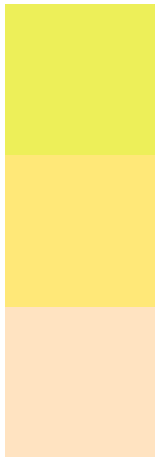


This preview shows how white text looks on a background with the YUV color 221.3020, -65.2249, 13.7671.

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

221.3020, -65.2249, 13.7671

Protanopia

226.1090, -52.3117, 25.3374

Deuteranopia

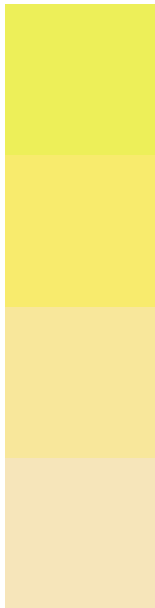
231.4960, -18.9785, 20.6130



Tritanopia

234.0110, 3.4456, 14.8994

Trichromacy



Original Color

221.3020, -65.2249, 13.7671

Protanomaly

224.5230, -56.9528, 20.5893

Deuteranomaly

227.4190, -35.7026, 18.0495

Tritanomaly

229.1810, -21.2882, 14.7503

Monochromacy



Original Color

221.3020, -65.2249, 13.7671

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.4310, -23.8765, 4.8840

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.3020, -65.2249, 13.7671 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(237, 239, 89)` looks like.

```
.text, #text, p{  
    color:rgb(237, 239, 89)  
}
```

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(237, 239, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 239, 89) }
```

Border

The CSS property to change the border of an element to YUV 221.3020, -65.2249, 13.7671 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(237, 239, 89) }
```


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

```
.border{ border-color:rgb(237, 239, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 239, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 239, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 239, 89);  
box-shadow:4px 4px 4px 4px rgb(237, 239,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 221.3020, -65.2249, 13.7671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 239, 89) }
```

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

```
.background{ background-color: rgb(237,  
239, 89) }
```

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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