

Converting Colors

YUV(220.5660, -62.3970,
-6.6354)

Have a look what the booklet for
YUV(220.5660, -62.3970, -6.6354)
contains.

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Color

**YUV(220.5660, -62.3970,
-6.6354)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F95E
RGB	213, 249, 94
RGB Percent	84%, 98%, 37%
CMY	0.1647, 0.0235, 0.6314
CMYK	0.14, 0.00, 0.62, 0.02
HSL	74°, 93%, 67%
HSV	74°, 62%, 98%
XYZ	63.3366, 82.7056, 23.2153
YIQ	220.5660, 28.2990, -55.8370

Conversions

Conversions Part 2

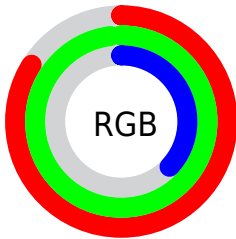
Format	Color
RYB	94, 249, 130
Decimal	14023006
CIELab	92.89, -32.61, 68.25
CIElCh	93, 75.641, 115.537
Yxy	82.7056, 0.3742, 0.4886
Android (android.graphics.Color)	4292213086 (0xFFD5F95E)
YUV	220.5660, -62.3970, -6.6354
Hunter-Lab	90.9426, -34.8340, 48.5247

Details

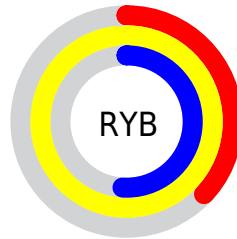
The YUV color **220.5660, -62.3970, -6.6354** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **122.4340, 62.3970, 6.6354**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.0300, -45.8638, 10.4977**, and **162.6970, -64.4336, -6.7503** is the 20% darker color. If you saturate the color by 10%, you get **215.9220, -72.4325, -7.8246**, and if you desaturate by 10%, it is **225.2100, -52.3615, -5.4462**.

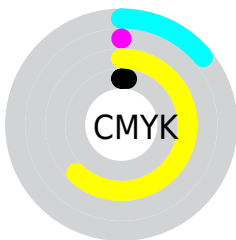
Distribution



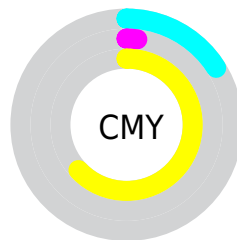
- Red (84%)
- Green (98%)
- Blue (37%)



- Red (37%)
- Yellow (98%)
- Blue (51%)



- Cyan (14%)
- Magenta (0%)
- Yellow (62%)
- Black (2%)



- Cyan (16%)
- Magenta (2%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.5660, -62.3970, -6.6354 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 220.5660, -62.3970, -6.6354 by changing the saturation by 10% instead.

220.5660,
-62.3970, -6.6354

220.5660,
-62.3970, -6.6354

255.0000, 0.0000,
0.0000

191.5660,
-62.3970, -6.6354

243.0300,
-45.8638, 10.4977

162.6970,
-64.4336, -6.7503

246.3360,
-33.1966, 7.5983

134.8280,
-66.4702, -6.8652

249.5280,
-20.9663, 4.7989

111.1940,
-54.8186, -10.6941

252.9480, -7.8624,
1.7996

87.5600, -43.1671,
-14.5231

65.1000, -32.0943,
-19.3817

40.8460, -20.1371,

-27.9289

■ 24.6540, -12.1544,
-21.6216

■ 10.5660, -5.2090,
-9.2664

■ 220.5660,
-62.3970, -6.6354

■ 220.5660,
-62.3970, -6.6354

■ 215.9220,
-72.4325, -7.8246

■ 225.2100,
-52.3615, -5.4462

■ 211.2780,
-82.4681, -9.0138

■ 229.8540,
-42.3260, -4.2570

■ 206.9330,
-92.6510, -9.5882

■ 234.1990,
-32.1431, -3.6825

■ 203.2720,
-100.2131, -10.7625

■ 238.8430,
-22.1076, -2.4933

243.4870,
-12.0721, -1.3041

248.0170, -2.4734,
-0.0149

250.8800, 2.0312,
1.8592

251.4780, 1.7363,
3.0888

Harmonies

Analogous

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



218.6140, -68.3367, 31.9105



220.5660, -62.3970, -6.6354



202.1380, -26.6900, -72.9120

Triad

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



220.5660, -62.3970, -6.6354



178.7550, 37.5888, -156.7681



204.4210, 21.9774, 44.3578

Complementary

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



220.5660, -62.3970, -6.6354



122.4340, 62.3970, 6.6354

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.



216.8450, 18.8104, 33.4619



220.5660, -62.3970, -6.6354



173.4720, 40.1933, -152.1349

Square

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



220.5660, -62.3970, -6.6354



178.7550, 37.5888, -156.7681



223.6910, 15.4353, -4.1140



199.0340, -11.3558, 49.0822

Rectangle

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



220.5660, -62.3970, -6.6354



172.0290, 11.8177, -150.8694



223.6910, 15.4353, -4.1140



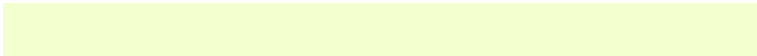
207.4530, 23.4407, 41.6987

Sweetspot

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



220.5660, -62.3970, -6.6354



246.2390, -19.3448, -1.9636



160.3030, -32.6874, 77.7873



122.4870, -12.0721, -1.3041



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.



220.5660, -62.3970, -6.6354



220.0700, -76.9425, -7.9544



198.1410, -51.3415, -52.7437



122.6210, -5.2362, -0.5446



154.2980, -76.0689, -8.1543



49.8600, -24.5810, -2.5082

Inverse Universe

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



122.4340, 62.3970, 6.6354



98.9300, 76.9425, 7.9544



144.8590, 51.3415, 52.7437



114.3790, 5.2362, 0.5446



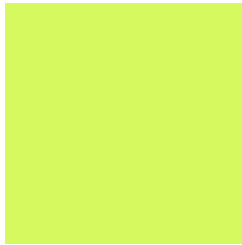
34.7020, 76.0689, 8.1543



11.1400, 24.5810, 2.5082

Previews

White Background



This preview shows how the YUV color 220.5660, -62.3970, -6.6354 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 220.5660, -62.3970, -6.6354 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 220.5660, -62.3970, -6.6354 Background



This preview shows how black text looks on a background with the YUV color 220.5660, -62.3970, -6.6354.



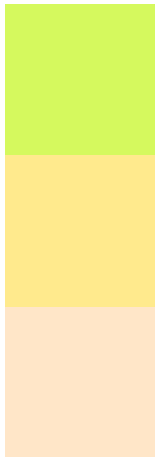
This preview shows how white text looks on a background with the YUV color 220.5660, -62.3970, -6.6354.

-6.6354.

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

220.5660, -62.3970, -6.6354

Protanopia

229.6770, -43.7178, 22.2083

Deuteranopia

234.0550, -16.7891, 18.3688



Tritanopia

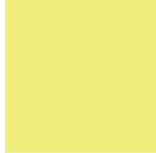
234.5680, 8.5940, -3.1291

Trichromacy



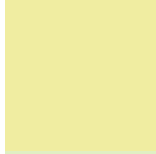
Original Color

220.5660, -62.3970, -6.6354



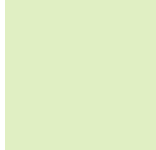
Protanomaly

226.1890, -50.3792, 12.1122



Deuteranomaly

229.2330, -33.6389, 9.4427



Tritanomaly

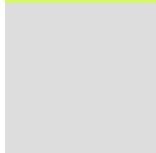
229.4990, -17.0080, -4.8226

Monochromacy



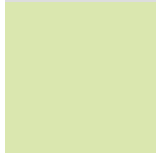
Original Color

220.5660, -62.3970, -6.6354



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

220.7290, -22.5444, -2.3933

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.5660, -62.3970, -6.6354 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(213, 249, 94)` looks like.

```
.text, #text, p{  
    color:rgb(213, 249, 94)  
}
```

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(213, 249, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 249, 94) }
```

Border

The CSS property to change the border of an element to YUV 220.5660, -62.3970, -6.6354 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(213, 249, 94) }
```


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

```
.border{ border-color:rgb(213, 249, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 249, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 249, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 249, 94);  
box-shadow:4px 4px 4px 4px rgb(213, 249,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 220.5660, -62.3970, -6.6354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 249, 94) }
```

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

```
.background{ background-color: rgb(213,  
249, 94) }
```

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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