

Converting Colors

YUV(221.6360, -51.5855,
25.7522)

Have a look what the booklet for
YUV(221.6360, -51.5855, 25.7522)
contains.

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Color

**YUV(221.6360, -51.5855,
25.7522)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE375
RGB	251, 227, 117
RGB Percent	98%, 89%, 46%
CMY	0.0157, 0.1098, 0.5412
CMYK	0.00, 0.10, 0.53, 0.02
HSL	49°, 94%, 72%
HSV	49°, 53%, 98%
XYZ	70.4636, 76.7318, 27.9265
YIQ	221.6360, 49.6140, -29.1220

Conversions

Conversions Part 2

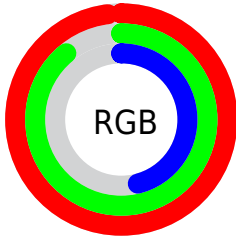
Format	Color
RYB	146, 251, 117
Decimal	16507765
CIELab	90.20, -5.22, 56.03
CIELCh	90, 56.271, 95.325
Yxy	76.7318, 0.4024, 0.4382
Android (android.graphics.Color)	4294697845 (0xFFFBE375)
YUV	221.6360, -51.5855, 25.7522
Hunter-Lab	87.5967, -9.7070, 42.4155

Details

The YUV color $221.6360, -51.5855, 25.7522$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $146.3640, 51.5855, -25.7522$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.5380, -36.2542, 8.2982$, and $165.6680, -50.1223, 23.0932$ is the 20% darker color. If you saturate the color by 10%, you get $216.4380, -61.3479, 30.3109$, and if you desaturate by 10%, it is $226.8340, -41.8232, 21.1936$.

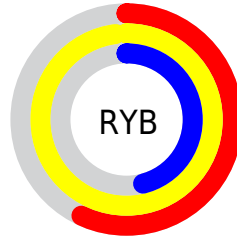
Distribution



Red (98%)

Green (89%)

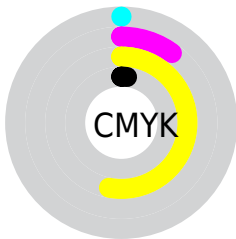
Blue (46%)



Red (57%)

Yellow (98%)

Blue (46%)

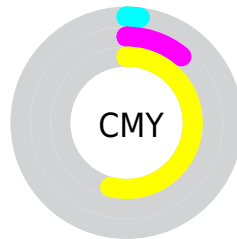


Cyan (0%)

Magenta (10%)

Yellow (53%)

Black (2%)



Cyan (2%)

Magenta (11%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.6360, -51.5855, 25.7522 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 221.6360, -51.5855, 25.7522 by changing the saturation by 10% instead.

221.6360,
-51.5855, 25.7522

221.6360,
-51.5855, 25.7522

255.0000, 0.0000,
0.0000

193.1520,
-50.8539, 24.4227

245.5380,
-36.2542, 8.2982

165.6680,
-50.1223, 23.0932

248.7300,
-24.0239, 5.4988

138.5430,
-50.5537, 21.4488

251.9220,
-11.7935, 2.6994

110.8050,
-54.6269, 21.2190

88.0570, -43.4121,
17.4900

66.4830, -32.7761,
12.7314

45.7950, -22.5769,

8.0728

■ 25.9930, -12.8145,
3.5141

■ 0.5870, -0.2894,
-0.5148

■ 221.6360,
-51.5855, 25.7522

■ 221.6360,
-51.5855, 25.7522

■ 216.4380,
-61.3479, 30.3109

■ 226.8340,
-41.8232, 21.1936

■ 210.6530,
-70.8209, 35.3843

■ 232.6190,
-32.3502, 16.1201

■ 205.4550,
-80.5833, 39.9430

■ 237.8170,
-22.5878, 11.5615

■ 199.6700,
-90.0563, 45.0164

■ 243.6020,
-13.1148, 6.4880

■ 195.9710,
-96.6137, 48.2604

■ 248.9140, -2.9156,
1.8294

■ 253.2170, 0.8790,
-1.9443

■ 253.8040, 0.5896,
-2.4591

Harmonies

Analogous

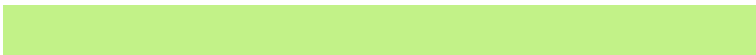
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.0470, -41.4352, 36.7928



221.6360, -51.5855, 25.7522



215.5640, -39.2251, -18.9116

Triad

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



221.6360, -51.5855, 25.7522



177.5810, 38.1676, -155.7385



217.4320, 18.5210, 32.9471

Complementary

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



221.6360, -51.5855, 25.7522



146.3640, 51.5855, -25.7522

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.



225.0080, 14.7861, 17.5330



221.6360, -51.5855, 25.7522



172.2980, 40.7721, -151.1053

Square

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



221.6360, -51.5855, 25.7522



176.4750, 28.8528, -154.7686



210.4360, 21.9701, -46.8634



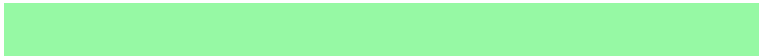
208.6320, 5.1114, 40.6647

Rectangle

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



221.6360, -51.5855, 25.7522



209.7090, -22.5345, -52.3648



210.4360, 21.9701, -46.8634



220.3670, 17.0741, 30.3731

Sweetspot

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



221.6360, -51.5855, 25.7522



246.2170, -15.8830, 7.7027



159.9160, -8.8326, 79.8807



122.2150, -9.4730, 5.0734



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

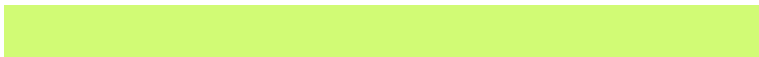
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.6360, -51.5855, 25.7522



219.3950, -62.8057, 31.2256



223.1660, -52.3398, -12.4236



122.3440, -5.0996, 2.3293



147.4960, -72.7155, 36.3990



47.5890, -23.4614, 11.7614

Inverse Universe

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



146.3640, 51.5855, -25.7522



127.6050, 62.8057, -31.2256



144.8340, 52.3398, 12.4236



115.2430, 4.8102, -2.8441



41.5040, 72.7155, -36.3990



13.4110, 23.4614, -11.7614

Previews

White Background



This preview shows how the YUV color 221.6360, -51.5855, 25.7522 looks on a white background.

Color Contrast Check

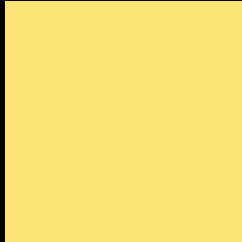
Large Text (above 18pt) WCAG AA × Fail

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 221.6360, -51.5855, 25.7522 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 221.6360, -51.5855, 25.7522 Background



This preview shows how black text looks on a background with the YUV color 221.6360, -51.5855, 25.7522.



This preview shows how white text looks on a background with the YUV color 221.6360, -51.5855, 25.7522.

25.7522.

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

221.6360, -51.5855, 25.7522

Protanopia

221.3370, -51.4381, 25.1375

Deuteranopia

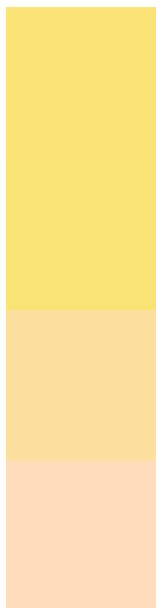
227.1930, -22.7731, 24.3867



Tritanopia

229.8440, 0.0769, 22.0618

Trichromacy



Original Color

221.6360, -51.5855, 25.7522

Protanomaly

221.3370, -51.4381, 25.1375

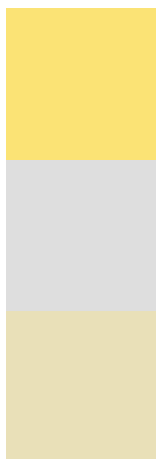
Deuteranomaly

225.4460, -33.2509, 25.0419

Tritanomaly

227.2190, -18.8420, 23.4869

Monochromacy



Original Color

221.6360, -51.5855, 25.7522

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.1310, -18.7986, 9.5321

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.6360, -51.5855, 25.7522 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(251, 227, 117)` looks like.

```
.text, #text, p{  
    color:rgb(251, 227, 117)  
}
```

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(251, 227, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 227, 117) }
```

Border

The CSS property to change the border of an element to YUV 221.6360, -51.5855, 25.7522 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(251, 227, 117) }
```


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

```
.border{ border-color:rgb(251, 227, 117) }
```

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

Here you see how a box with a 4 pixel rgb(251, 227, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 227, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 227, 117);  
box-shadow:4px 4px 4px 4px rgb(251, 227,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 221.6360, -51.5855, 25.7522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 227, 117) }
```

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

```
.background{ background-color: rgb(251,  
227, 117) }
```

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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