

Converting Colors

YUV(225.7670, -53.6221,
25.6373)

Have a look what the booklet for
YUV(225.7670, -53.6221, 25.6373)
contains.

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Color

**YUV(225.7670, -53.6221,
25.6373)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE875
RGB	255, 232, 117
RGB Percent	100%, 91%, 46%
CMY	0.0000, 0.0902, 0.5412
CMYK	0.00, 0.09, 0.54, 0.00
HSL	50°, 100%, 73%
HSV	50°, 54%, 100%
XYZ	73.3075, 80.2576, 28.4572
YIQ	225.7670, 50.6230, -30.8890

Conversions

Conversions Part 2

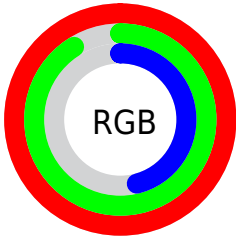
Format	Color
R_{YB}	145, 255, 117
Decimal	16771189
CIE _{Lab}	91.80, -6.12, 57.99
CIE _{LCh}	92, 58.313, 96.025
Yxy	80.2576, 0.4027, 0.4409
Android (android.graphics.Color)	4294961269 (0xFFFFE875)
YUV	225.7670, -53.6221, 25.6373
Hunter-Lab	89.5866, -10.7124, 43.8772

Details

The YUV color $225.7670, -53.6221, 25.6373$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $146.2330, 53.6221, -25.6373$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.5380, -36.2542, 8.2982$, and $169.7990, -52.1589, 22.9783$ is the 20% darker color. If you saturate the color by 10%, you get $220.4550, -63.8213, 30.2960$, and if you desaturate by 10%, it is $231.0790, -43.4229, 20.9787$.

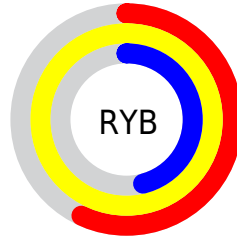
Distribution



Red (100%)

Green (91%)

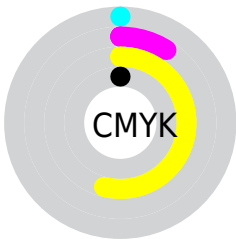
Blue (46%)



Red (57%)

Yellow (100%)

Blue (46%)

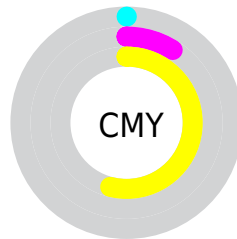


Cyan (0%)

Magenta (9%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.7670, -53.6221, 25.6373 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 225.7670, -53.6221, 25.6373 by changing the saturation by 10% instead.

225.7670,
-53.6221, 25.6373

225.7670,
-53.6221, 25.6373

255.0000, 0.0000,
0.0000

197.2830,
-52.8905, 24.3078

245.5380,
-36.2542, 8.2982

169.7990,
-52.1589, 22.9783

248.7300,
-24.0239, 5.4988

141.9730,
-52.7377, 21.9487

252.0360,
-11.3567, 2.5994

114.3490,
-56.3741, 21.6189

91.8890, -45.3013,
16.7603

69.7280, -34.3759,
12.5165

49.0400, -24.1767,

7.8579

■ 29.2380, -14.4143,
3.2993

■ 6.4570, -3.1833,
-5.6628

■ 225.7670,
-53.6221, 25.6373

■ 225.7670,
-53.6221, 25.6373

■ 220.4550,
-63.8213, 30.2960

■ 231.0790,
-43.4229, 20.9787

■ 215.2570,
-73.5837, 34.8546

■ 236.8640,
-33.9500, 15.9053

■ 209.3580,
-83.4935, 40.0280

■ 242.1760,
-23.7508, 11.2466

■ 204.1600,
-93.2559, 44.5867

■ 247.3740,
-13.9884, 6.6880

■ 200.6890,
-98.9397, 47.6307

■ 252.5720, -4.2260,
2.1294

255.0000, 0.0000,
0.0000

Harmonies

Analogous

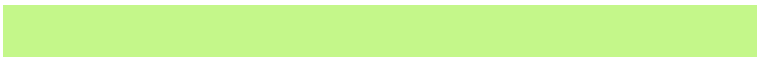
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215.3950, -42.5927, 34.7336



225.7670, -53.6221, 25.6373



219.3250, -40.0932, -20.4560

Triad

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



225.7670, -53.6221, 25.6373



178.7550, 37.5888, -156.7681



218.6060, 17.9422, 31.9175

Complementary

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



225.7670, -53.6221, 25.6373



146.2330, 53.6221, -25.6373

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.



228.5630, 13.0334, 19.6772



225.7670, -53.6221, 25.6373



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.



225.7670, -53.6221, 25.6373



177.1590, 31.4736, -155.3684



213.6810, 20.3703, -47.0782



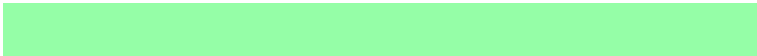
210.1480, 5.8430, 39.3352

Rectangle

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



225.7670, -53.6221, 25.6373



212.6870, -22.5237, -55.8535



213.6810, 20.3703, -47.0782



222.1280, 16.2059, 28.8287

Sweetspot

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



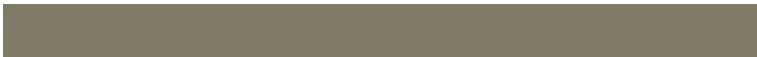
225.7670, -53.6221, 25.6373



246.2170, -15.8830, 7.7027



160.8840, -10.2958, 82.5397



122.2150, -9.4730, 5.0734



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

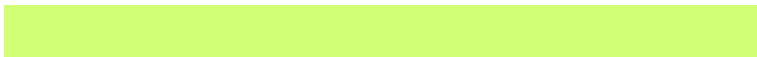
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.7670, -53.6221, 25.6373



219.6400, -64.4055, 31.0107



225.5140, -53.4974, -14.4828



124.7570, -4.8102, 2.8441



150.4420, -74.1679, 35.5694



50.2470, -24.7718, 12.0614

Inverse Universe

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



146.2330, 53.6221, -25.6373



124.3600, 64.4055, -31.0107



146.4860, 53.4974, 14.4828



117.6560, 5.0996, -2.3293



40.5580, 74.1679, -35.5694



13.7530, 24.7718, -12.0614

Previews

White Background



This preview shows how the YUV color 225.7670, -53.6221, 25.6373 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 225.7670, -53.6221, 25.6373 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 225.7670, -53.6221, 25.6373 Background



This preview shows how black text looks on a background with the YUV color 225.7670, -53.6221, 25.6373.



This preview shows how white text looks on a background with the YUV color 225.7670, -53.6221, 25.6373.

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

225.7670, -53.6221, 25.6373

Protanopia

226.4510, -51.0013, 25.0375

Deuteranopia

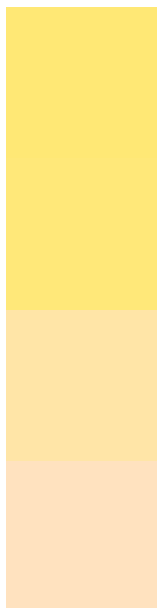
231.7240, -18.1049, 20.4131



Tritanopia

233.8220, 0.0878, 18.5731

Trichromacy



Original Color

225.7670, -53.6221, 25.6373

Protanomaly

226.2230, -51.8749, 25.2374

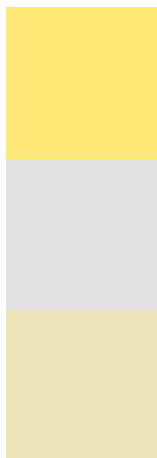
Deuteranomaly

229.7060, -30.9141, 22.1828

Tritanomaly

230.6810, -19.5627, 21.3278

Monochromacy



Original Color

225.7670, -53.6221, 25.6373

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

225.9030, -19.6722, 9.7321

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.7670, -53.6221, 25.6373 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(255, 232, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 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(255, 232, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 117) }
```

Border

The CSS property to change the border of an element to YUV 225.7670, -53.6221, 25.6373 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(255, 232, 117) }
```


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

```
.border{ border-color:rgb(255, 232, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 225.7670, -53.6221, 25.6373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 117) }
```

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

```
.background{ background-color: rgb(255,  
232, 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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