

Converting Colors

YUV(222.6040, -53.0488,
28.4113)

Have a look what the booklet for
YUV(222.6040, -53.0488, 28.4113)
contains.

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Color

**YUV(222.6040, -53.0488,
28.4113)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE373
RGB	255, 227, 115
RGB Percent	100%, 89%, 45%
CMY	0.0000, 0.1098, 0.5490
CMYK	0.00, 0.11, 0.55, 0.00
HSL	48°, 100%, 73%
HSV	48°, 55%, 100%
XYZ	71.8036, 77.4360, 27.3818
YIQ	222.6040, 52.6400, -28.8960

Conversions

Conversions Part 2

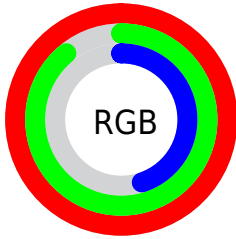
Format	Color
RYB	150, 255, 115
Decimal	16769907
CIELab	90.52, -3.77, 57.42
CIELCh	91, 57.542, 93.754
Yxy	77.4360, 0.4065, 0.4384
Android (android.graphics.Color)	4294959987 (0xFFFFE373)
YUV	222.6040, -53.0488, 28.4113
Hunter-Lab	87.9977, -8.3451, 43.1494

Details

The YUV color **222.6040, -53.0488, 28.4113** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **147.3960, 53.0488, -28.4113**, and the grayscale version is **223.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.3100, -37.1278, 8.4981**, and **166.6360, -51.5855, 25.7522** is the 20% darker color. If you saturate the color by 10%, you get **216.8190, -62.5218, 33.4847**, and if you desaturate by 10%, it is **228.5030, -43.1390, 23.2379**.

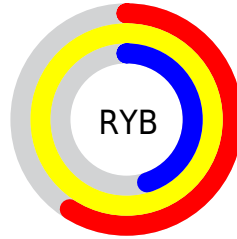
Distribution



Red (100%)

Green (89%)

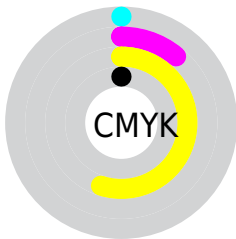
Blue (45%)



Red (59%)

Yellow (100%)

Blue (45%)

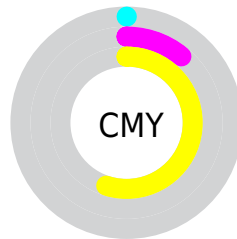


Cyan (0%)

Magenta (11%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.6040, -53.0488, 28.4113 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 222.6040, -53.0488, 28.4113 by changing the saturation by 10% instead.

222.6040,
-53.0488, 28.4113

222.6040,
-53.0488, 28.4113

255.0000, 0.0000,
0.0000

194.1200,
-52.3172, 27.0818

245.3100,
-37.1278, 8.4981

166.6360,
-51.5855, 25.7522

248.5020,
-24.8975, 5.6987

139.5110,
-52.0169, 24.1079

251.6940,
-12.6671, 2.8994

111.7020,
-55.0691, 23.0633

88.9540, -43.8543,
19.3343

67.3800, -33.2183,
14.5757

46.3930, -22.8717,

9.3023

■ 26.8900, -13.2568,
5.3585

■ 2.3480, -1.1576,
-2.0592

■ 222.6040,
-53.0488, 28.4113

■ 222.6040,
-53.0488, 28.4113

■ 216.8190,
-62.5218, 33.4847

■ 228.5030,
-43.1390, 23.2379

■ 210.9200,
-72.4316, 38.6582

■ 234.2880,
-33.6660, 18.1644

■ 205.0210,
-82.3414, 43.8316

■ 240.1870,
-23.7562, 12.9910

■ 199.2360,
-91.8143, 48.9050

■ 245.9720,
-14.2832, 7.9176

■ 195.9930,
-96.6245, 51.7491

■ 252.4580, -4.6628,
2.2293

255.0000, 0.0000,
0.0000

Harmonies

Analogous

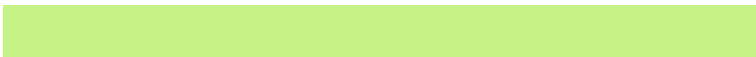
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212.5740, -40.7090, 37.2076



222.6040, -53.0488, 28.4113



216.7060, -41.2671, -17.2822

Triad

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



222.6040, -53.0488, 28.4113



178.7550, 37.5888, -156.7681



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.



222.6040, -53.0488, 28.4113



147.3960, 53.0488, -28.4113

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.



225.2850, 14.6495, 14.6591



222.6040, -53.0488, 28.4113



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.



222.6040, -53.0488, 28.4113



176.2470, 27.9792, -154.5686



209.5170, 22.4231, -52.1964



208.5010, 7.1480, 40.7796

Rectangle

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



222.6040, -53.0488, 28.4113



210.4380, -24.8659, -51.2501



209.5170, 22.4231, -52.1964



220.9540, 16.7847, 29.8583

Sweetspot

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



222.6040, -53.0488, 28.4113



245.6300, -15.5936, 8.2175



160.0520, -8.4066, 83.2694



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.



222.6040, -53.0488, 28.4113



215.8900, -63.5428, 34.2995



227.0800, -55.2554, -10.5942



124.7570, -4.8102, 2.8441



146.9200, -72.4316, 38.6582



49.0730, -24.1930, 13.0910

Inverse Universe

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



147.3960, 53.0488, -28.4113



125.5230, 63.8322, -33.7847



143.5180, 54.9606, 11.8237



117.6560, 5.0996, -2.3293



44.0800, 72.4316, -38.6582



14.9270, 24.1930, -13.0910

Previews

White Background



This preview shows how the YUV color 222.6040, -53.0488, 28.4113 looks on a white background.

Color Contrast Check

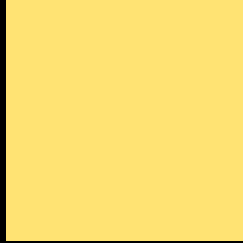
Large Text (above 18pt) WCAG AA × Fail

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 222.6040, -53.0488, 28.4113 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 222.6040, -53.0488, 28.4113

Background



This preview shows how black text looks on a background with the YUV color 222.6040, -53.0488, 28.4113.



This preview shows how white text looks on a background with the YUV color 222.6040, -53.0488, 28.4113.

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

222.6040, -53.0488, 28.4113

Protanopia

222.2940, -52.8959, 26.0522

Deuteranopia

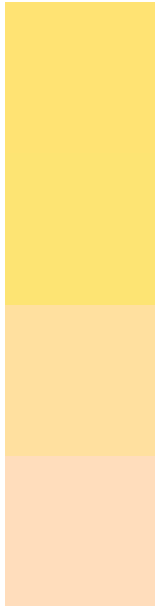
228.1220, -21.7521, 23.5720



Tritanopia

230.4310, -0.2125, 21.5470

Trichromacy



Original Color

222.6040, -53.0488, 28.4113

Protanomaly

222.5930, -53.0433, 26.6669

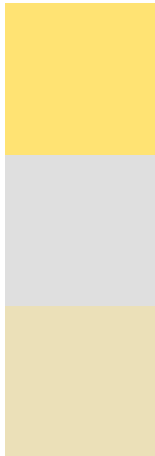
Deuteranomaly

225.8590, -32.9615, 25.5567

Tritanomaly

227.4040, -19.4262, 24.2017

Monochromacy



Original Color

222.6040, -53.0488, 28.4113

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

222.7290, -19.0934, 10.7617

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.6040, -53.0488, 28.4113 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, 227, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 115)  
}
```

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, 227, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 115) }
```

Border

The CSS property to change the border of an element to YUV 222.6040, -53.0488, 28.4113 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, 227, 115) }
```


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

```
.border{ border-color:rgb(255, 227, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 222.6040, -53.0488, 28.4113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 115) }
```

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

```
.background{ background-color: rgb(255,  
227, 115) }
```

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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