

Converting Colors

YUV(231.5230, -56.9528,
20.5893)

Have a look what the booklet for
YUV(231.5230, -56.9528, 20.5893)
contains.

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Color

**YUV(231.5230, -56.9528,
20.5893)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF274
RGB	255, 242, 116
RGB Percent	100%, 95%, 45%
CMY	0.0000, 0.0510, 0.5451
CMYK	0.00, 0.05, 0.55, 0.00
HSL	54°, 100%, 73%
HSV	54°, 55%, 100%
XYZ	76.1445, 86.0252, 29.1143
YIQ	231.5230, 48.1940, -36.4300

Conversions

Conversions Part 2

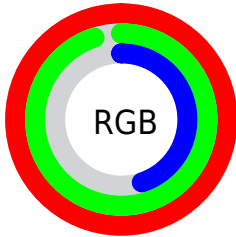
Format	Color
R_{YB}	130, 255, 116
Decimal	16773748
CIE _{Lab}	94.32, -11.15, 61.36
CIE _{LCh}	94, 62.370, 100.302
Yxy	86.0252, 0.3981, 0.4497
Android (android.graphics.Color)	4294963828 (0xFFFFF274)
YUV	231.5230, -56.9528, 20.5893
Hunter-Lab	92.7498, -15.7695, 46.3136

Details

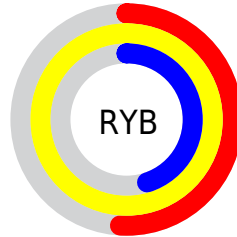
The YUV color **231.5230, -56.9528, 20.5893** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **139.4770, 56.9528, -20.5893**, and the grayscale version is **232.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.4240, -36.6910, 8.3982**, and **174.8540, -55.6370, 18.5450** is the 20% darker color. If you saturate the color by 10%, you get **227.3850, -67.7308, 24.2184**, and if you desaturate by 10%, it is **235.6610, -46.1749, 16.9603**.

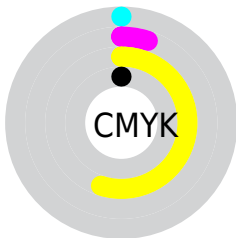
Distribution



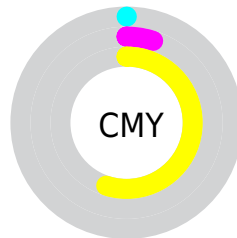
- Red (100%)
- Green (95%)
- Blue (45%)



- Red (51%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (5%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (5%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.5230, -56.9528, 20.5893 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 231.5230, -56.9528, 20.5893 by changing the saturation by 10% instead.

231.5230,
-56.9528, 20.5893

231.5230,
-56.9528, 20.5893

255.0000, 0.0000,
0.0000

203.0390,
-56.2212, 19.2598

245.4240,
-36.6910, 8.3982

174.8540,
-55.6370, 18.5450

248.7300,
-24.0239, 5.4988

146.9140,
-56.6526, 17.6154

251.9220,
-11.7935, 2.6994

119.6320,
-58.9786, 16.9857

96.5850, -47.6164,
12.6420

74.4240, -36.6910,
8.3982

52.8500, -26.0550,

3.6396

■ 33.0480, -16.2927,
-0.9191

■ 11.7400, -5.7878,
-10.2960

■ 231.5230,
-56.9528, 20.5893

■ 231.5230,
-56.9528, 20.5893

■ 227.3850,
-67.7308, 24.2184

■ 235.6610,
-46.1749, 16.9603

■ 222.7740,
-77.7826, 28.2622

■ 240.2720,
-36.1231, 12.9165

■ 218.6360,
-88.5605, 31.8912

■ 244.4100,
-25.3451, 9.2874

■ 214.0250,
-98.6123, 35.9351

■ 249.0210,
-15.2934, 5.2436

■ 211.8420,
-104.4381, 37.8496

■ 253.0450, -4.9522,
1.7145

255.0000, 0.0000,
0.0000

Harmonies

Analogous

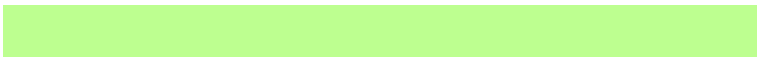
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.2220, -46.9444, 30.5003



231.5230, -56.9528, 20.5893



222.6120, -38.7557, -29.4777

Triad

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



231.5230, -56.9528, 20.5893



178.7550, 37.5888, -156.7681



219.7800, 17.3635, 30.8879

Complementary

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



231.5230, -56.9528, 20.5893



139.4770, 56.9528, -20.5893

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.



231.5200, 11.5756, 20.5920



231.5230, -56.9528, 20.5893



178.7550, 37.5888, -156.7681

Square

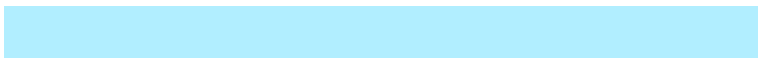
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.5230, -56.9528, 20.5893



178.7550, 37.5888, -156.7681



221.6990, 16.4174, -39.2010



212.2680, 3.8119, 37.4760

Rectangle

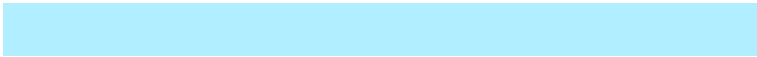
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231.5230, -56.9528, 20.5893



210.5270, -16.5288, -65.3602



221.6990, 16.4174, -39.2010



222.7150, 15.9165, 28.3139

Sweetspot

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



231.5230, -56.9528, 20.5893



247.9780, -16.7512, 6.1583



159.1570, -14.3744, 84.0543



123.3890, -10.0518, 4.0438



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

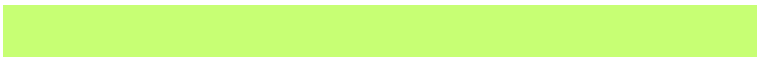
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.5230, -56.9528, 20.5893



226.6840, -67.8782, 24.8331



222.4100, -52.4601, -20.5306



125.3440, -5.0996, 2.3293



158.6600, -78.2194, 28.3622



53.1820, -26.2187, 9.4874

Inverse Universe

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



139.4770, 56.9528, -20.5893



117.3160, 67.8782, -24.8331



148.5900, 52.4601, 20.5306



117.0690, 5.3890, -1.8145



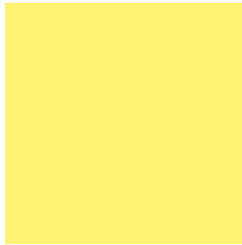
32.3400, 78.2194, -28.3622



10.8180, 26.2187, -9.4874

Previews

White Background



This preview shows how the YUV color 231.5230, -56.9528, 20.5893 looks on a white background.

Color Contrast Check

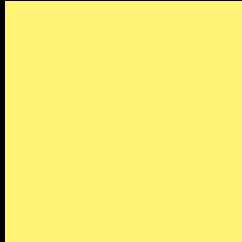
Large Text (above 18pt) WCAG AA × Fail

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 231.5230, -56.9528, 20.5893 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 231.5230, -56.9528, 20.5893

Background



This preview shows how black text looks on a background with the YUV color 231.5230, -56.9528, 20.5893.

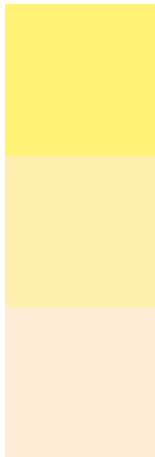


This preview shows how white text looks on a background with the YUV color 231.5230, -56.9528, 20.5893.

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

231.5230, -56.9528, 20.5893

Protanopia

236.3740, -30.7504, 16.3350

Deuteranopia

239.1730, -12.4103, 13.8803



Tritanopia

240.7180, 1.1250, 12.5253

Trichromacy



Original Color

231.5230, -56.9528, 20.5893



Protanomaly

234.5670, -40.2125, 17.9197



Deuteranomaly

236.2430, -28.7138, 16.4499



Tritanomaly

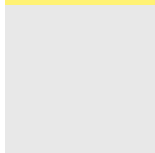
237.2350, -19.8359, 15.5799

Monochromacy



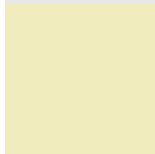
Original Color

231.5230, -56.9528, 20.5893



Achromatopsia

232.0000, 0.0000, 0.0000



Achromatomaly

231.9520, -20.6823, 7.0581

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.5230, -56.9528, 20.5893 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, 242, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 116)  
}
```

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, 242, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 116) }
```

Border

The CSS property to change the border of an element to YUV 231.5230, -56.9528, 20.5893 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, 242, 116) }
```


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

```
.border{ border-color:rgb(255, 242, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 231.5230, -56.9528, 20.5893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 116) }
```

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

```
.background{ background-color: rgb(255,  
242, 116) }
```

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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