

Converting Colors

YUV(230.5660, -38.7330,
10.0276)

Have a look what the booklet for
YUV(230.5660, -38.7330, 10.0276)
contains.

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Color

**YUV(230.5660, -38.7330,
10.0276)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F098
RGB	242, 240, 152
RGB Percent	95%, 94%, 60%
CMY	0.0510, 0.0588, 0.4039
CMYK	0.00, 0.01, 0.37, 0.05
HSL	59°, 78%, 77%
HSV	59°, 37%, 95%
XYZ	73.4455, 83.4644, 41.9450
YIQ	230.5660, 29.4400, -26.9440

Conversions

Conversions Part 2

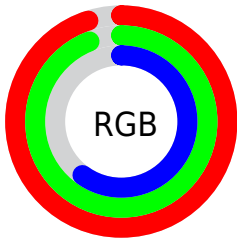
Format	Color
R_{YB}	154, 242, 152
Decimal	15921304
CIE _{Lab}	93.22, -11.94, 42.78
CIE _{LCh}	93, 44.416, 105.596
Y _{xy}	83.4644, 0.3693, 0.4197
Android (android.graphics.Color)	4294111384 (0xFFFF2F098)
YUV	230.5660, -38.7330, 10.0276
Hunter-Lab	91.3589, -16.3777, 36.7298

Details

The YUV color **230.5660, -38.7330, 10.0276** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **163.4340, 38.7330, -10.0276**, and the grayscale version is **231.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.5280, -20.9663, 4.7989**, and **174.6090, -37.2752, 9.1129** is the 20% darker color. If you saturate the color by 10%, you get **227.2430, -48.9268, 12.9419**, and if you desaturate by 10%, it is **233.8890, -28.5393, 7.1133**.

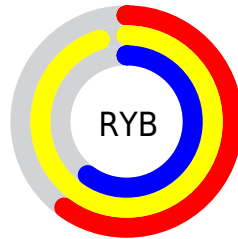
Distribution



Red (95%)

Green (94%)

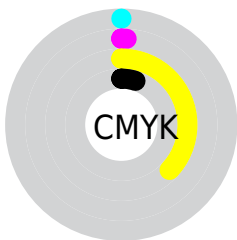
Blue (60%)



Red (60%)

Yellow (95%)

Blue (60%)

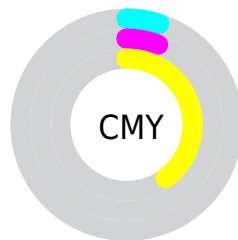


Cyan (0%)

Magenta (1%)

Yellow (37%)

Black (5%)



Cyan (5%)

Magenta (6%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.5660, -38.7330, 10.0276 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 230.5660, -38.7330, 10.0276 by changing the saturation by 10% instead.

230.5660,
-38.7330, 10.0276

230.5660,
-38.7330, 10.0276

255.0000, 0.0000,
0.0000

202.3810,
-38.1488, 9.3129

249.5280,
-20.9663, 4.7989

174.6090,
-37.2752, 9.1129

252.8340, -8.2992,
1.8996

147.5380,
-36.2542, 8.2982

121.3530,
-35.6700, 7.5834

95.7550, -35.3752,
6.3539

71.4560, -35.2278,
5.7391

50.4800, -24.8866,

2.2100

■ 30.6780, -15.1243,
-2.3486

■ 10.5660, -5.2090,
-9.2664

■ 230.5660,
-38.7330, 10.0276

■ 230.5660,
-38.7330, 10.0276

■ 227.2430,
-48.9268, 12.9419

■ 233.8890,
-28.5393, 7.1133

■ 224.5070,
-59.4100, 15.3414

■ 236.6250,
-18.0561, 4.7139

■ 221.0700,
-70.0405, 18.3556

■ 240.0620, -7.4256,
1.6996

■ 218.3340,
-80.5237, 20.7551

■ 242.7980, 3.0576,
-0.6998

■ 215.0110,
-90.7174, 23.6694

■ 244.0690, 5.3890,
-1.8145

■ 212.2750,
-101.2006, 26.0688

■ 244.6560, 5.0996,
-2.3293

■ 211.4770,
-104.2582, 26.7687

■ 245.2430, 4.8102,
-2.8441

Harmonies

Analogous

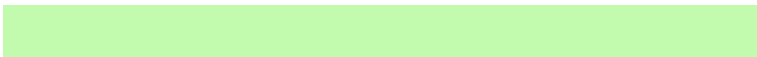
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.3490, -36.1611, 25.1269



230.5660, -38.7330, 10.0276



225.1790, -25.2312, -27.3440

Triad

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



230.5660, -38.7330, 10.0276



203.8710, 25.2066, -105.1269



225.6500, 14.4696, 25.7400

Complementary

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



230.5660, -38.7330, 10.0276



163.4340, 38.7330, -10.0276

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.



232.6940, 10.9969, 19.5624



230.5660, -38.7330, 10.0276



215.9300, 19.2615, -64.8366

Square

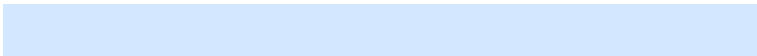
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.5660, -38.7330, 10.0276



205.9640, 24.1747, -100.8234



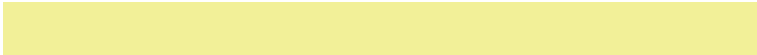
228.3430, 13.1419, -15.2098



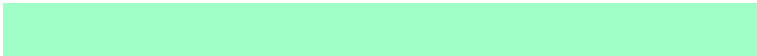
219.9160, -2.4236, 30.7687

Rectangle

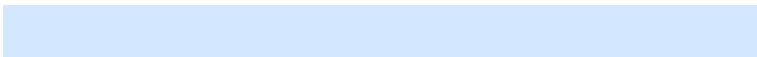
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.5660, -38.7330, 10.0276



219.9120, -10.3096, -53.4198



228.3430, 13.1419, -15.2098



227.4110, 13.6014, 24.1956

Sweetspot

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



230.5660, -38.7330, 10.0276



251.2210, -11.9410, 3.3142



179.2520, -11.9562, 55.0300



125.4750, -7.1362, 2.2144



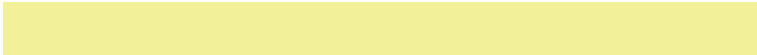
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

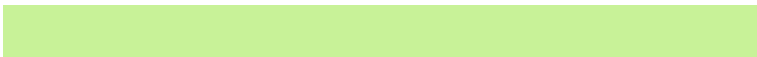
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.5660, -38.7330, 10.0276



240.1290, -49.3636, 13.0419



219.1820, -33.1207, -16.8226



118.6320, -5.2416, 1.1997



160.6760, -79.2133, 20.4551



49.0290, -24.1713, 6.1136

Inverse Universe

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



163.4340, 38.7330, -10.0276



154.8710, 49.3636, -13.0419



174.8180, 33.1207, 16.8226



109.3680, 5.2416, -1.1997



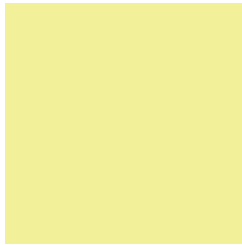
23.3240, 79.2133, -20.4551



6.9710, 24.1713, -6.1136

Previews

White Background



This preview shows how the YUV color 230.5660, -38.7330, 10.0276 looks on a white background.

Color Contrast Check

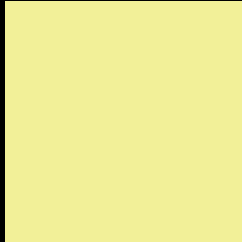
Large Text (above 18pt) WCAG AA × Fail

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 230.5660, -38.7330, 10.0276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

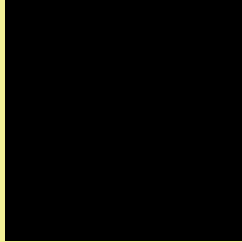
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.5660, -38.7330, 10.0276

Background



This preview shows how black text looks on a background with the YUV color 230.5660, -38.7330, 10.0276.



This preview shows how white text looks on a background with the YUV color 230.5660, -38.7330, 10.0276.

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

230.5660, -38.7330, 10.0276

Protanopia

232.0880, -37.0184, 20.0938

Deuteranopia

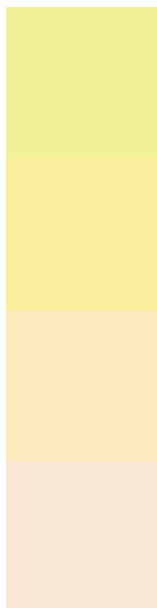
235.6680, -13.1473, 16.9542



Tritanopia

237.5270, 4.1772, 13.5698

Trichromacy



Original Color

230.5660, -38.7330, 10.0276

Protanomaly

231.5390, -37.7337, 16.1903

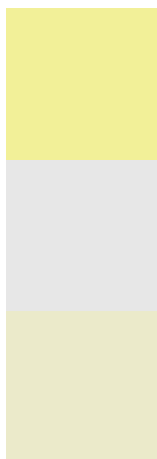
Deuteranomaly

233.5400, -22.4512, 14.4354

Tritanomaly

234.8030, -11.2419, 12.4508

Monochromacy



Original Color

230.5660, -38.7330, 10.0276

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

230.6510, -14.1249, 3.8141

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.5660, -38.7330, 10.0276 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(242, 240, 152)` looks like.

```
.text, #text, p{  
    color:rgb(242, 240, 152)  
}
```

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(242, 240, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 240, 152) }
```

Border

The CSS property to change the border of an element to YUV 230.5660, -38.7330, 10.0276 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(242, 240, 152) }
```


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

```
.border{ border-color:rgb(242, 240, 152) }
```

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

Here you see how a box with a 4 pixel rgb(242, 240, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 240, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 240, 152);  
box-shadow:4px 4px 4px 4px rgb(242, 240,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 230.5660, -38.7330, 10.0276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 240, 152) }
```

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

```
.background{ background-color: rgb(242,  
240, 152) }
```

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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