

Converting Colors

YUV(227.6350, -70.3191,
14.3521)

Have a look what the booklet for
YUV(227.6350, -70.3191, 14.3521)
contains.

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Color

**YUV(227.6350, -70.3191,
14.3521)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F755
RGB	244, 247, 85
RGB Percent	96%, 97%, 33%
CMY	0.0431, 0.0314, 0.6667
CMYK	0.01, 0.00, 0.66, 0.03
HSL	61°, 91%, 65%
HSV	61°, 66%, 97%
XYZ	72.2087, 86.4105, 21.4674
YIQ	227.6350, 50.2140, -51.0180

Conversions

Conversions Part 2

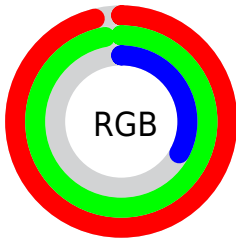
Format	Color
R_{YB}	85, 247, 88
Decimal	16054101
CIE Lab	94.49, -20.01, 74.09
CIE LCh	94, 76.745, 105.111
Yxy	86.4105, 0.4010, 0.4798
Android (android.graphics.Color)	4294244181 (0xFFFF4F755)
YUV	227.6350, -70.3191, 14.3521
Hunter-Lab	92.9572, -24.0174, 51.3777

Details

The YUV color **227.6350, -70.3191, 14.3521** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **104.3650, 70.3191, -14.3521**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.1180, -49.3582, 11.2975**, and **168.5010, -77.1550, 13.5926** is the 20% darker color. If you saturate the color by 10%, you get **224.7850, -81.2390, 16.8516**, and if you desaturate by 10%, it is **230.4850, -59.3991, 11.8527**.

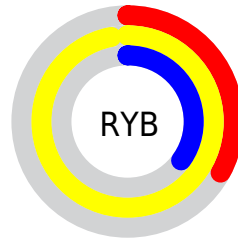
Distribution



Red (96%)

Green (97%)

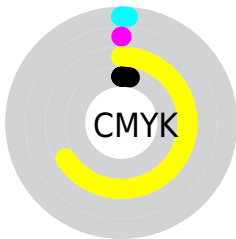
Blue (33%)



Red (33%)

Yellow (97%)

Blue (35%)

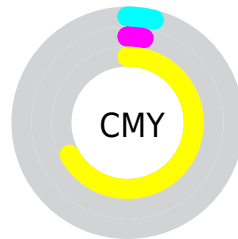


Cyan (1%)

Magenta (0%)

Yellow (66%)

Black (3%)



Cyan (4%)

Magenta (3%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.6350, -70.3191, 14.3521 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 227.6350, -70.3191, 14.3521 by changing the saturation by 10% instead.

227.6350,
-70.3191, 14.3521

227.6350,
-70.3191, 14.3521

255.0000, 0.0000,
0.0000

198.6950,
-71.3346, 13.4225

242.1180,
-49.3582, 11.2975

168.5010,
-77.1550, 13.5926

245.4240,
-36.6910, 8.3982

142.6130,
-70.3082, 10.8634

248.7300,
-24.0239, 5.4988

118.9790,
-58.6566, 7.0344

252.0360,
-11.3567, 2.5994

95.3450, -47.0051,
3.2054

72.8850, -35.9323,
-1.6531

51.3110, -25.2963,

-6.4117

■ 30.6230, -15.0971,
-11.0704

■ 14.0880, -6.9454,
-12.3552

■ 227.6350,
-70.3191, 14.3521

■ 227.6350,
-70.3191, 14.3521

■ 224.7850,
-81.2390, 16.8516

■ 230.4850,
-59.3991, 11.8527

■ 221.7500,
-91.5748, 18.6362

■ 233.5200,
-49.0634, 10.0680

■ 218.9000,
-102.4947, 21.1357

■ 236.3700,
-38.1434, 7.5685

■ 217.3470,
-107.1521, 21.6207

■ 239.5190,
-27.3709, 5.6838

■ 242.3690,
-16.4509, 3.1844

■ 245.4040, -6.1152,
1.3997

■ 247.9120, 3.4944,
-0.7998

■ 248.2110, 3.3470,
-0.1850

Harmonies

Analogous

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



216.8190, -62.5218, 33.4847



227.6350, -70.3191, 14.3521



212.2310, -41.0329, -45.8066

Triad

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



227.6350, -70.3191, 14.3521



178.7550, 37.5888, -156.7681



209.8010, 22.2831, 39.6395

Complementary

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



227.6350, -70.3191, 14.3521



104.3650, 70.3191, -14.3521

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.



225.0630, 14.7589, 26.2547



227.6350, -70.3191, 14.3521



178.7550, 37.5888, -156.7681

Square

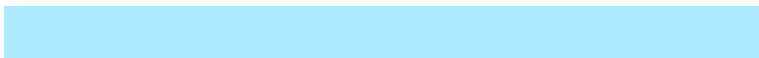
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.6350, -70.3191, 14.3521



178.7550, 37.5888, -156.7681



218.4540, 18.0172, -38.9862



201.7530, 1.6008, 46.6976

Rectangle

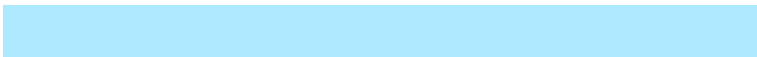
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.6350, -70.3191, 14.3521



190.1520, -7.9629, -106.2503



218.4540, 18.0172, -38.9862



213.9100, 20.2574, 36.0359

Sweetspot

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



227.6350, -70.3191, 14.3521



248.8870, -22.1293, 4.4841



135.1990, -24.7481, 98.0495



124.1670, -13.3933, 2.4845



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.



227.6350, -70.3191, 14.3521



230.8900, -87.2068, 17.6365



203.4160, -58.3791, -35.4448



120.6320, -5.2416, 1.1997



163.8990, -80.8022, 16.7516



51.9750, -25.6237, 5.2839

Inverse Universe

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



104.3650, 70.3191, -14.3521



77.8110, 87.3542, -18.2512



128.5840, 58.3791, 35.4448



111.3680, 5.2416, -1.1997



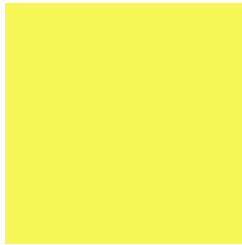
22.1010, 80.8022, -16.7516



7.0250, 25.6237, -5.2839

Previews

White Background



This preview shows how the YUV color 227.6350, -70.3191, 14.3521 looks on a white background.

Color Contrast Check

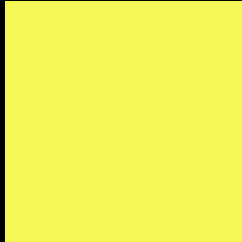
Large Text (above 18pt) WCAG AA × Fail

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 227.6350, -70.3191, 14.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

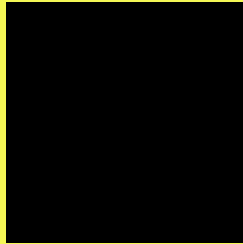
Any Text WCAG AA ✓ Pass

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 227.6350, -70.3191, 14.3521 Background



This preview shows how black text looks on a background with the YUV color 227.6350, -70.3191, 14.3521.



This preview shows how white text looks on a background with the YUV color 227.6350, -70.3191, 14.3521.

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

227.6350, -70.3191, 14.3521

Protanopia

236.3740, -30.7504, 16.3350

Deuteranopia

239.1730, -12.4103, 13.8803



Tritanopia

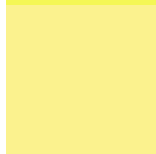
241.1740, 2.8722, 12.1254

Trichromacy



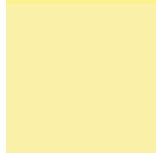
Original Color

227.6350, -70.3191, 14.3521



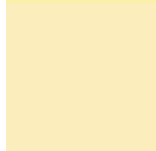
Protanomaly

233.2910, -45.0065, 15.5308



Deuteranomaly

234.9670, -33.5077, 14.0609



Tritanomaly

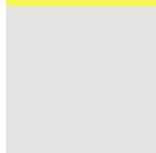
236.1870, -23.7562, 12.9910

Monochromacy



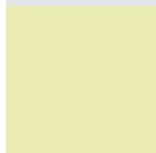
Original Color

227.6350, -70.3191, 14.3521



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

227.9750, -25.6237, 5.2839

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.6350, -70.3191, 14.3521 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(244, 247, 85)` looks like.

```
.text, #text, p{  
    color:rgb(244, 247, 85)  
}
```

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(244, 247, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 247, 85) }
```

Border

The CSS property to change the border of an element to YUV 227.6350, -70.3191, 14.3521 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(244, 247, 85) }
```


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

```
.border{ border-color:rgb(244, 247, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 247, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 247, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 247, 85);  
box-shadow:4px 4px 4px 4px rgb(244, 247,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 227.6350, -70.3191, 14.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 247, 85) }
```

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

```
.background{ background-color: rgb(244,  
247, 85) }
```

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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