

Converting Colors

YUV(137.2830, 51.1325,
-20.4192)

Have a look what the booklet for
YUV(137.2830, 51.1325, -20.4192)
contains.

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Color

**YUV(137.2830, 51.1325,
-20.4192)**

Conversions

Conversions Part 1

Format	Color
Hex	7281F1
RGB	114, 129, 241
RGB Percent	45%, 51%, 95%
CMY	0.5529, 0.4941, 0.0549
CMYK	0.53, 0.46, 0.00, 0.05
HSL	233°, 82%, 70%
HSV	233°, 53%, 95%
XYZ	30.6669, 25.6288, 86.5496
YIQ	137.2830, -44.8920, 31.6520

Conversions

Conversions Part 2

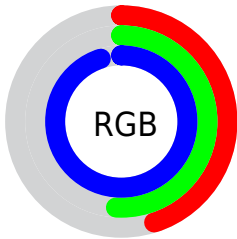
Format	Color
RYB	114, 127, 241
Decimal	7504369
CIELab	57.68, 25.34, -58.23
CIELCh	58, 63.501, 293.516
Yxy	25.6288, 0.2147, 0.1794
Android (android.graphics.Color)	4285694449 (0xFF7281F1)
YUV	137.2830, 51.1325, -20.4192
Hunter-Lab	50.6249, 19.5358, -65.9263

Details

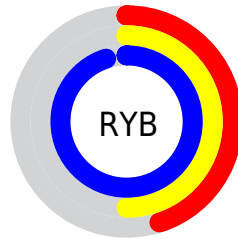
The YUV color $137.2830, 51.1325, -20.4192$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $217.7170, -51.1325, 20.4192$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $187.6310, 33.2129, -12.8314$, and $82.8860, 49.8492, -28.8410$ is the 20% darker color. If you saturate the color by 10%, you get $117.7800, 60.7475, -24.3631$, and if you desaturate by 10%, it is $156.7860, 41.5175, -16.4753$.

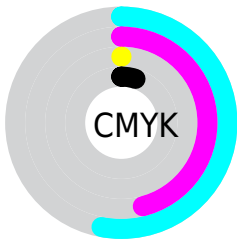
Distribution



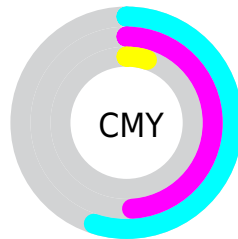
- Red (45%)
- Green (51%)
- Blue (95%)



- Red (45%)
- Yellow (50%)
- Blue (95%)



- Cyan (53%)
- Magenta (46%)
- Yellow (0%)
- Black (5%)



- Cyan (55%)
- Magenta (49%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.2830, 51.1325, -20.4192 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 137.2830, 51.1325, -20.4192 by changing the saturation by 10% instead.

■ 137.2830, 51.1325,
-20.4192

■ 137.2830, 51.1325,
-20.4192

255.0000, 0.0000,
0.0000

■ 110.3320, 50.1223,
-23.0932

■ 187.6310, 33.2129,
-12.8314

■ 82.8860, 49.8492,
-28.8410

■ 212.4500, 20.9772,
-8.2876

■ 51.9440, 51.7926,
-45.5549

■ 237.5570, 8.5994,
-4.8735

■ 36.5390, 46.0763,
-32.0447

■ 22.4220, 40.2180,
-19.6641

■ 9.0060, 34.5070,
-7.8983

■ 9.2050, 22.5769,

-8.0728

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 137.2830, 51.1325,
-20.4192

■ 137.2830, 51.1325,
-20.4192

■ 117.7800, 60.7475,
-24.3631

■ 156.7860, 41.5175,
-16.4753

■ 97.6900, 70.6518,
-27.7921

■ 176.8760, 31.6131,
-13.0463

■ 78.1870, 80.2668,
-31.7360

■ 196.3790, 21.9982,
-9.1024

■ 58.6840, 89.8818,
-35.6799

■ 215.8820, 12.3832,
-5.1585

■ 43.9100, 97.1654,
-38.5091

■ 235.3850, 2.7682,
-1.2146

■ 253.4040, -6.1152,
1.3997

Harmonies

Analogous

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



115.8490, 65.6434, -101.5996



137.2830, 51.1325, -20.4192



141.8370, 31.1394, 45.7470

Triad

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



137.2830, 51.1325, -20.4192



133.7400, -42.2698, 71.2650



110.4040, 6.7028, -96.8243

Complementary

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



137.2830, 51.1325, -20.4192



217.7170, -51.1325, 20.4192

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.



113.9420, -22.6494, -62.2161



137.2830, 51.1325, -20.4192



130.1080, -64.1432, 40.2473

Square

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



137.2830, 51.1325, -20.4192



132.8050, -17.1589, 90.5020



126.0640, -54.2616, -2.6871



116.9020, 31.6003, -102.5231

Rectangle

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



137.2830, 51.1325, -20.4192



137.8270, 16.3543, 74.6967



126.0640, -54.2616, -2.6871



107.0640, -1.0176, -93.8951

Sweetspot

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



137.2830, 51.1325, -20.4192



221.6090, 16.4618, -6.6731



201.0890, 11.2951, -76.3771



107.6110, 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.



137.2830, 51.1325, -20.4192



123.5070, 64.8260, -25.8776



142.5310, 48.5452, 16.1973



109.9550, 4.9522, -1.7145



33.8900, 74.0042, -29.7215



10.4930, 22.4350, -9.2024

Inverse Universe

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



153.6830, -12.1687, 76.5770



144.3050, -15.4334, 97.0795



212.4690, -48.5452, -16.1973



111.7020, -1.3321, 7.2773



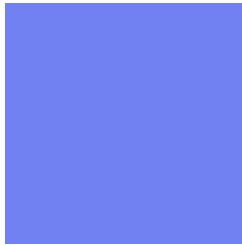
57.5240, -17.5133, 110.9195



17.5420, -5.1972, 33.7277

Previews

White Background



This preview shows how the YUV color 137.2830, 51.1325, -20.4192 looks on a white background.

Color Contrast Check

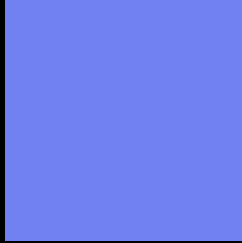
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.2830, 51.1325, -20.4192 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 × Fail

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

YUV 137.2830, 51.1325, -20.4192

Background



This preview shows how black text looks on a background with the YUV color 137.2830, 51.1325, -20.4192.



This preview shows how white text looks on a background with the YUV color 137.2830, 51.1325, -20.4192.

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

137.2830, 51.1325, -20.4192

Protanopia

132.1170, 56.1443, -41.3216

Deuteranopia

127.2520, 54.5988, -58.9800



Tritanopia

131.1290, 14.2334, -38.7011

Trichromacy



Original Color

137.2830, 51.1325, -20.4192

Protanomaly

134.0040, 54.2280, -33.3295

Deuteranomaly

130.9980, 53.2450, -44.7252

Tritanomaly

133.3160, 27.4522, -31.8491

Monochromacy



Original Color

137.2830, 51.1325, -20.4192

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.1790, 18.6458, -7.1730

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.2830, 51.1325, -20.4192 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(114, 129, 241)` looks like.

```
.text, #text, p{  
    color:rgb(114, 129, 241)  
}
```

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(114, 129, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 129, 241) }
```

Border

The CSS property to change the border of an element to YUV 137.2830, 51.1325, -20.4192 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(114, 129, 241) }
```


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

```
.border{ border-color:rgb(114, 129, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 129, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 129, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 129, 241);  
box-shadow:4px 4px 4px 4px rgb(114, 129,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 137.2830, 51.1325, -20.4192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 129, 241) }
```

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

```
.background{ background-color: rgb(114,  
129, 241) }
```

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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