

Converting Colors

YUV(138.4440, 56.9691,
-25.8224)

Have a look what the booklet for
YUV(138.4440, 56.9691, -25.8224)
contains.

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Color

**YUV(138.4440, 56.9691,
-25.8224)**

Conversions

Conversions Part 1

Format	Color
Hex	6D83FE
RGB	109, 131, 254
RGB Percent	43%, 51%, 100%
CMY	0.5725, 0.4863, 0.0039
CMYK	0.57, 0.48, 0.00, 0.00
HSL	231°, 99%, 71%
HSV	231°, 57%, 100%
XYZ	32.3124, 26.6396, 97.2048
YIQ	138.4440, -52.5950, 33.5890

Conversions

Conversions Part 2

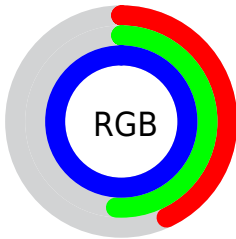
Format	Color
R _Y B	109, 128, 254
Decimal	7177214
CIE Lab	58.64, 27.24, -63.89
CIE LCh	59, 69.455, 293.094
Yxy	26.6396, 0.2069, 0.1706
Android (android.graphics.Color)	4285367294 (0xFF6D83FE)
YUV	138.4440, 56.9691, -25.8224
Hunter-Lab	51.6135, 21.4253, -75.5326

Details

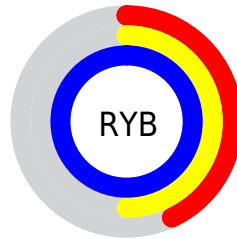
The YUV color **138.4440, 56.9691, -25.8224** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **224.5560, -56.9691, 25.8224**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.9080, 33.0764, -15.7053**, and **81.5410, 56.4283, -39.0625** is the 20% darker color. If you saturate the color by 10%, you get **118.0550, 67.0209, -29.8662**, and if you desaturate by 10%, it is **158.8330, 46.9173, -21.7785**.

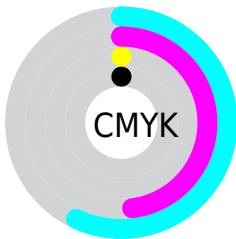
Distribution



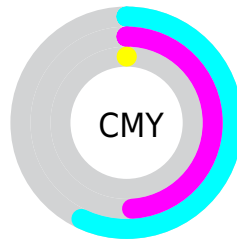
- Red (43%)
- Green (51%)
- Blue (100%)



- Red (43%)
- Yellow (50%)
- Blue (100%)



- Cyan (57%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.4440, 56.9691, -25.8224 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 138.4440, 56.9691, -25.8224 by changing the saturation by 10% instead.

■ 138.4440, 56.9691,
-25.8224

■ 138.4440, 56.9691,
-25.8224

255.0000, 0.0000,
0.0000

■ 110.8950, 56.2538,
-29.7259

■ 187.9080, 33.0764,
-15.7053

■ 81.5410, 56.4283,
-39.0625

■ 212.7270, 20.8406,
-11.1616

■ 54.4860, 56.4554,
-47.7842

■ 238.7200, 8.0260,
-7.6474

■ 39.0810, 50.7391,
-34.2740

■ 25.4370, 44.1546,
-22.3082

■ 10.2600, 39.3118,
-8.9980

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 138.4440, 56.9691,
-25.8224

■ 138.4440, 56.9691,
-25.8224

■ 118.0550, 67.0209,
-29.8662

■ 158.8330, 46.9173,
-21.7785

■ 97.9540, 76.9307,
-35.0397

■ 178.9340, 37.0075,
-16.6051

■ 77.5650, 86.9825,
-39.0835

■ 199.3230, 26.9558,
-12.5613

■ 57.4640, 96.8922,
-44.2569

■ 219.4240, 17.0460,
-7.3878

■ 51.8490, 99.6604,
-45.4716

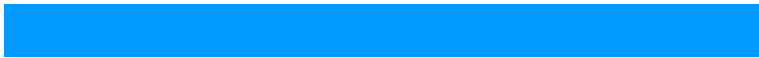
■ 239.8130, 6.9942,
-3.3440

254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



118.8810, 67.1067, -104.2586



138.4440, 56.9691, -25.8224



144.1840, 34.9123, 48.9506

Triad

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



138.4440, 56.9691, -25.8224



134.4590, -46.0753, 78.5275



112.7520, 5.5453, -98.8835

Complementary

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



138.4440, 56.9691, -25.8224



224.5560, -56.9691, 25.8224

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.



110.5230, -23.9218, -74.1267



138.4440, 56.9691, -25.8224



132.1900, -65.1697, 42.8064

Square

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



138.4440, 56.9691, -25.8224



132.4580, -17.4808, 100.4533



126.3000, -62.2659, -2.0171



120.5210, 32.7741, -105.6969

Rectangle

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



138.4440, 56.9691, -25.8224



138.3810, 19.5322, 82.1039



126.3000, -62.2659, -2.0171



109.7710, -3.3381, -96.2692

Sweetspot

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



138.4440, 56.9691, -25.8224



220.4240, 17.0460, -7.3878



207.9090, 10.8909, -86.7432



107.3120, 10.1992, -4.6586



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.



138.4440, 56.9691, -25.8224



114.9130, 69.0629, -31.4957



139.8820, 56.2602, 15.0125



117.6560, 5.0996, -2.3293



38.7970, 75.0361, -34.0250



13.1660, 25.0612, -11.5466

Inverse Universe

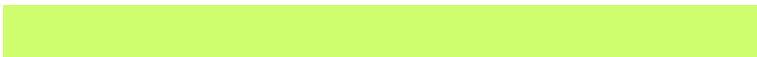
The Inverse Universe completely reimagines the original color for something new.



154.8630, -11.7645, 86.9431



134.7020, -14.1501, 105.5013



223.1180, -56.2602, -15.0125



119.1150, -1.0427, 7.7921



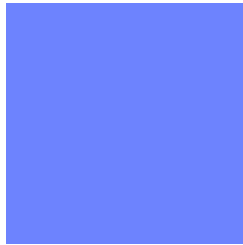
60.4150, -15.4876, 114.5230



20.2760, -5.0661, 38.3459

Previews

White Background



This preview shows how the YUV color 138.4440, 56.9691, -25.8224 looks on a white background.

Color Contrast Check

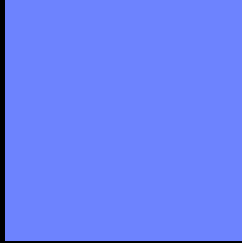
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.4440, 56.9691, -25.8224 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 138.4440, 56.9691, -25.8224

Background



This preview shows how black text looks on a background with the YUV color 138.4440, 56.9691, -25.8224.



This preview shows how white text looks on a background with the YUV color 138.4440, 56.9691, -25.8224.

-25.8224.

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

138.4440, 56.9691, -25.8224

Protanopia

134.0070, 59.6495, -45.6101

Deuteranopia

121.8240, 63.6838, -79.6526



Tritanopia

129.7470, 16.8867, -49.7671

Trichromacy



Original Color

138.4440, 56.9691, -25.8224

Protanomaly

135.8230, 58.7543, -38.4328

Deuteranomaly

127.9620, 61.1507, -60.4797

Tritanomaly

132.7000, 31.6999, -40.9559

Monochromacy



Original Color

138.4440, 56.9691, -25.8224

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7380, 20.8352, -9.4172

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.4440, 56.9691, -25.8224 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(109, 131, 254)` looks like.

```
.text, #text, p{  
    color:rgb(109, 131, 254)  
}
```

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(109, 131, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 131, 254) }
```

Border

The CSS property to change the border of an element to YUV 138.4440, 56.9691, -25.8224 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(109, 131, 254) }
```


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

```
.border{ border-color:rgb(109, 131, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 131, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 131, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 131, 254);  
box-shadow:4px 4px 4px 4px rgb(109, 131,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 138.4440, 56.9691, -25.8224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 131, 254) }
```

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

```
.background{ background-color: rgb(109,  
131, 254) }
```

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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