

Converting Colors

YUV(132.1780, 60.5512,
-8.0491)

Have a look what the booklet for
YUV(132.1780, 60.5512, -8.0491)
contains.

YUV(132.1780, 60.5512, -8.0491)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(132.1780, 60.5512,
-8.0491)**

Conversions

Conversions Part 1

Format	Color
Hex	7B71FF
RGB	123, 113, 255
RGB Percent	48%, 44%, 100%
CMY	0.5176, 0.5569, 0.0000
CMYK	0.52, 0.56, 0.00, 0.00
HSL	244°, 100%, 72%
HSV	244°, 56%, 100%
XYZ	32.1235, 23.2412, 97.4006
YIQ	132.1780, -39.6220, 46.2820

Conversions

Conversions Part 2

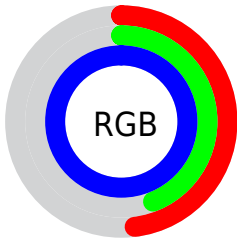
Format	Color
R_{YB}	123, 113, 255
Decimal	8090111
CIE _{Lab}	55.32, 40.87, -69.74
CIE _{LCh}	55, 80.834, 300.371
Yxy	23.2412, 0.2103, 0.1521
Android (android.graphics.Color)	4286280191 (0xFF7B71FF)
YUV	132.1780, 60.5512, -8.0491
Hunter-Lab	48.2091, 34.5751, -86.0418

Details

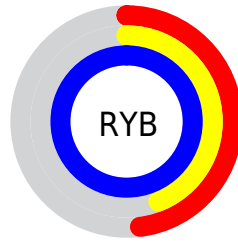
The YUV color **132.1780, 60.5512, -8.0491** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **235.8220, -60.5512, 8.0491**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.6420, 36.6585, 2.0680**, and **77.9550, 58.6892, -17.5005** is the 20% darker color. If you saturate the color by 10%, you get **110.3270, 71.3238, -9.9338**, and if you desaturate by 10%, it is **154.6160, 49.4893, -6.6792**.

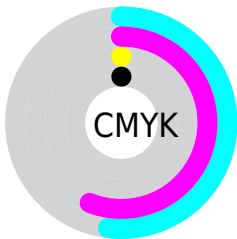
Distribution



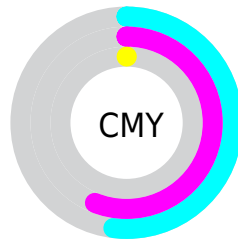
- Red (48%)
- Green (44%)
- Blue (100%)



- Red (48%)
- Yellow (44%)
- Blue (100%)



- Cyan (52%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.1780, 60.5512, -8.0491 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 132.1780, 60.5512, -8.0491 by changing the saturation by 10% instead.

■ 132.1780, 60.5512,
-8.0491

■ 132.1780, 60.5512,
-8.0491

255.0000, 0.0000,
0.0000

■ 104.9280, 59.6885,
-11.3379

■ 180.6420, 36.6585,
2.0680

■ 77.9550, 58.6892,
-17.5005

■ 205.4610, 24.4227,
6.6117

■ 43.9200, 61.6644,
-38.5178

■ 231.1660, 11.7502,
11.2554

■ 28.5150, 55.9481,
-25.0077

■ 251.4780, 1.7363,
3.0888

■ 14.3980, 50.0898,
-12.6270

■ 10.2600, 39.3118,
-8.9980

■ 11.6330, 26.8029,

-10.2021

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 132.1780, 60.5512,
-8.0491

■ 132.1780, 60.5512,
-8.0491

■ 110.3270, 71.3238,
-9.9338

■ 154.6160, 49.4893,
-6.6792

■ 88.1880, 82.2383,
-10.6889

■ 176.1680, 38.8642,
-5.4093

■ 65.7500, 93.3003,
-12.0587

■ 198.6060, 27.8022,
-4.0395

■ 43.8990, 104.0728,
-13.9434

■ 220.4570, 17.0297,
-2.1548

■ 34.4520, 108.7302,
-14.4284

■ 242.8950, 5.9678,
-0.7849

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.



112.4240, 70.2900, -98.5958



132.1780, 60.5512, -8.0491



129.1040, 36.4307, 75.3308

Triad

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



132.1780, 60.5512, -8.0491



122.3870, -60.3368, 79.4676



110.0280, 10.3392, -96.4946

Complementary

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



132.1780, 60.5512, -8.0491



235.8220, -60.5512, 8.0491

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.



99.2440, -20.8263, -87.0370



132.1780, 60.5512, -8.0491



124.1500, -61.2060, 31.4404

Square

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



132.1780, 60.5512, -8.0491



116.0100, -24.6549, 114.8782



113.4870, -55.9491, -21.4751



118.1220, 41.3519, -103.5930

Rectangle

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



132.1780, 60.5512, -8.0491



115.3230, 21.0398, 111.9727



113.4870, -55.9491, -21.4751



106.7050, 0.1454, -93.5803

Sweetspot

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



132.1780, 60.5512, -8.0491



217.7990, 18.3401, -2.4547



207.2590, 23.5363, -82.6651



105.5620, 11.0619, -1.3699



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.



132.1780, 60.5512, -8.0491



107.0820, 72.9236, -9.7189



153.1080, 50.2328, 34.9853



116.7810, 5.5310, -0.6849



25.6610, 81.5121, -11.1037



8.4920, 27.3654, -3.9395

Inverse Universe

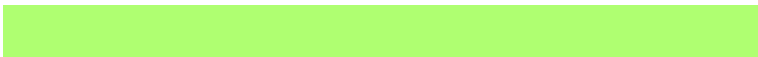
The Inverse Universe completely reimagines the original color for something new.



170.5060, 36.7255, 74.1012



153.2550, 44.2443, 89.2304



214.8920, -50.2328, -34.9853



120.2550, 3.3253, 6.7924



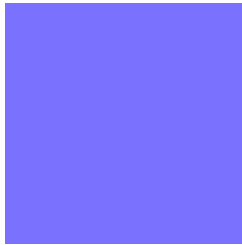
77.4010, 49.5953, 99.6263



25.8620, 16.3370, 33.4470

Previews

White Background



This preview shows how the YUV color 132.1780, 60.5512, -8.0491 looks on a white background.

Color Contrast Check

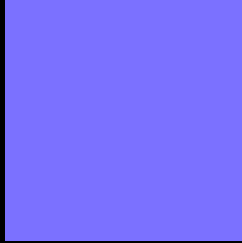
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.1780, 60.5512, -8.0491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

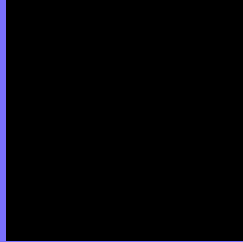
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.1780, 60.5512, -8.0491

Background



This preview shows how black text looks on a background with the YUV color 132.1780, 60.5512, -8.0491.



This preview shows how white text looks on a background with the YUV color 132.1780, 60.5512, -8.0491.

-8.0491.

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

132.1780, 60.5512, -8.0491

Protanopia

120.9500, 66.0867, -56.9611

Deuteranopia

106.1490, 64.0165, -93.0927



Tritanopia

126.3040, 12.1751, -31.8386

Trichromacy



Original Color

132.1780, 60.5512, -8.0491

Protanomaly

125.1910, 63.9958, -39.6325

Deuteranomaly

115.7060, 62.7559, -62.0092

Tritanomaly

128.3540, 29.8985, -23.1125

Monochromacy



Original Color

132.1780, 60.5512, -8.0491

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.1240, 22.1239, -2.7397

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.1780, 60.5512, -8.0491 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(123, 113, 255)` looks like.

```
.text, #text, p{  
    color:rgb(123, 113, 255)  
}
```

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(123, 113, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 113, 255) }
```

Border

The CSS property to change the border of an element to YUV 132.1780, 60.5512, -8.0491 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(123, 113, 255) }
```


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

```
.border{ border-color:rgb(123, 113, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 113, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 113, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 113, 255);  
box-shadow:4px 4px 4px 4px rgb(123, 113,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 132.1780, 60.5512, -8.0491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 113, 255) }
```

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

```
.background{ background-color: rgb(123,  
113, 255) }
```

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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