

Converting Colors

YUV(135.2030, 32.4379, 2.4530)

Have a look what the booklet for
YUV(135.2030, 32.4379, 2.4530)
contains.

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Color

**YUV(135.2030, 32.4379,
2.4530)**

Conversions

Conversions Part 1

Format	Color
Hex	8A79C9
RGB	138, 121, 201
RGB Percent	54%, 47%, 79%
CMY	0.4588, 0.5255, 0.2118
CMYK	0.31, 0.40, 0.00, 0.21
HSL	253°, 43%, 63%
HSV	253°, 40%, 79%
XYZ	27.8612, 23.2951, 58.2863
YIQ	135.2030, -15.5480, 28.4840

Conversions

Conversions Part 2

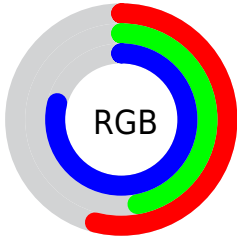
Format	Color
R_{YB}	138, 121, 201
Decimal	9075145
CIE _{Lab}	55.37, 24.49, -39.33
CIE _{LCh}	55, 46.334, 301.910
Yxy	23.2951, 0.2546, 0.2129
Android (android.graphics.Color)	4287265225 (0xFF8A79C9)
YUV	135.2030, 32.4379, 2.4530
Hunter-Lab	48.2650, 18.5764, -37.8150

Details

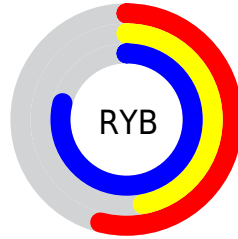
The YUV color $135.2030, 32.4379, 2.4530$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $186.7970, -32.4379, -2.4530$, and the grayscale version is $135.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $188.3280, 32.8693, 4.0973$, and $84.4370, 30.8436, 0.4938$ is the 20% darker color. If you saturate the color by 10%, you get $118.6790, 40.5843, 2.9125$, and if you desaturate by 10%, it is $151.7270, 24.2916, 1.9934$.

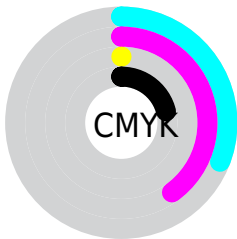
Distribution



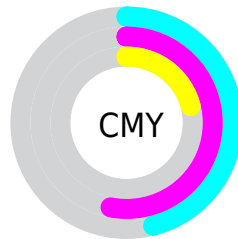
- Red (54%)
- Green (47%)
- Blue (79%)



- Red (54%)
- Yellow (47%)
- Blue (79%)



- Cyan (31%)
- Magenta (40%)
- Yellow (0%)
- Black (21%)



- Cyan (46%)
- Magenta (53%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.2030, 32.4379, 2.4530 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 135.2030, 32.4379, 2.4530 by changing the saturation by 10% instead.

■ 135.2030, 32.4379,
2.4530

■ 135.2030, 32.4379,
2.4530

■ 255.0000, 0.0000,
0.0000

■ 109.2630, 31.4223,
1.5233

■ 188.3280, 32.8693,
4.0973

■ 84.4370, 30.8436,
0.4938

■ 213.4350, 20.4915,
7.5115

■ 60.0840, 29.5386,
-0.9507

■ 238.5420, 8.1138,
10.9257

■ 36.8340, 28.6758,
-4.2394

■ 12.2030, 28.9869,
-10.7020

■ 5.4720, 20.9663,
-4.7989

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 135.2030, 32.4379,
2.4530

■ 135.2030, 32.4379,
2.4530

■ 118.6790, 40.5843,
2.9125

■ 151.7270, 24.2916,
1.9934

■ 102.1550, 48.7306,
3.3721

■ 168.2510, 16.1453,
1.5339

■ 85.9300, 56.7295,
4.4464

■ 184.4760, 8.1463,
0.4595

■ 69.4060, 64.8758,
4.9059

■ 201.0000, 0.0000,
0.0000

■ 52.8820, 73.0222,
5.3655

■ 218.1110, -8.4357,
-0.9743

■ 35.7710, 81.4579,
6.3398

■ 234.6350,
-16.5821, -1.4339

■ 247.0500,
-22.7027, 1.7101

■ 248.8440,
-23.5871, 5.3988

Harmonies

Analogous

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



121.1570, 45.2786, -56.2657



135.2030, 32.4379, 2.4530



136.1450, 17.1835, 41.9688

Triad

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



135.2030, 32.4379, 2.4530



131.0620, -34.0476, 47.3036



105.0870, 14.2541, -92.1613

Complementary

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



135.2030, 32.4379, 2.4530



186.7970, -32.4379, -2.4530

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.



115.3960, -11.0412, -52.0903



135.2030, 32.4379, 2.4530



128.1160, -39.4972, 21.8233

Square

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



135.2030, 32.4379, 2.4530



131.9450, -19.6929, 63.1922



124.3830, -31.2478, -10.8599



109.0600, 32.0154, -95.6456

Rectangle

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



135.2030, 32.4379, 2.4530



134.7420, 5.0572, 58.1083



124.3830, -31.2478, -10.8599



102.9040, 8.4283, -90.2468

Sweetspot

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



135.2030, 32.4379, 2.4530



229.6270, 12.5089, 1.2041



167.6880, 16.4228, -40.9454



112.9490, 7.4201, 0.0447



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.



135.2030, 32.4379, 2.4530



154.6820, 49.4568, 3.7869



146.8640, 26.6890, 26.4293



91.6240, 3.6364, 0.3298



29.0470, 66.0388, 5.2208



6.4960, 14.5455, 1.3190

Inverse Universe

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



152.1020, 15.7257, 42.8835



180.4220, 23.9490, 65.4049



175.1360, -26.6890, -26.4293



93.4890, 1.7309, 4.8331



63.4430, 32.3196, 87.3115



13.9560, 6.9237, 19.3326

Previews

White Background



This preview shows how the YUV color 135.2030, 32.4379, 2.4530 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 135.2030, 32.4379, 2.4530 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 135.2030, 32.4379, 2.4530

Background



This preview shows how black text looks on a background with the YUV color 135.2030, 32.4379, 2.4530.



This preview shows how white text looks on a background with the YUV color 135.2030, 32.4379, 2.4530.

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

135.2030, 32.4379, 2.4530

Protanopia

130.9330, 38.4870, -24.4972

Deuteranopia

130.6680, 33.6877, -25.1418



Tritanopia

132.1610, 5.8366, -5.4032

Trichromacy



Original Color

135.2030, 32.4379, 2.4530

Protanomaly

132.7170, 36.1285, -14.6608

Deuteranomaly

132.3210, 33.3657, -15.1905

Tritanomaly

133.4030, 15.5773, -2.9844

Monochromacy



Original Color

135.2030, 32.4379, 2.4530

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.1000, 11.7827, 0.7893

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.2030, 32.4379, 2.4530 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(138, 121, 201)` looks like.

```
.text, #text, p{  
    color:rgb(138, 121, 201)  
}
```

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(138, 121, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 121, 201) }
```

Border

The CSS property to change the border of an element to YUV 135.2030, 32.4379, 2.4530 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(138, 121, 201) }
```


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

```
.border{ border-color:rgb(138, 121, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 121, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 121, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 121, 201);  
box-shadow:4px 4px 4px 4px rgb(138, 121,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 135.2030, 32.4379, 2.4530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 121, 201) }
```

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

```
.background{ background-color: rgb(138,  
121, 201) }
```

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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