

Converting Colors

YUV(88.0120, 32.0391, -9.6575)

Have a look what the booklet for
YUV(88.0120, 32.0391, -9.6575)
contains.

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Color

**YUV(88.0120, 32.0391,
-9.6575)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5199
RGB	77, 81, 153
RGB Percent	30%, 32%, 60%
CMY	0.6980, 0.6824, 0.4000
CMYK	0.50, 0.47, 0.00, 0.40
HSL	237°, 33%, 45%
HSV	237°, 50%, 60%
XYZ	11.7528, 9.7625, 31.4019
YIQ	88.0120, -25.4960, 21.5440

Conversions

Conversions Part 2

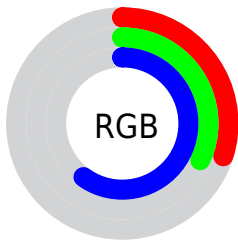
Format	Color
R _Y B	77, 81, 153
Decimal	5067161
CIE Lab	37.41, 18.87, -40.05
CIE LCh	37, 44.270, 295.230
Yxy	9.7625, 0.2221, 0.1845
Android (android.graphics.Color)	4283257241 (0xFF4D5199)
YUV	88.0120, 32.0391, -9.6575
Hunter-Lab	31.2451, 12.4635, -37.7161

Details

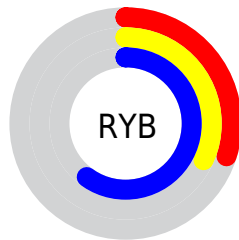
The YUV color **88.0120, 32.0391, -9.6575** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **141.9880, -32.0391, 9.6575**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.1910, 33.9228, -7.1835**, and **38.9140, 30.6084, -17.4646** is the 20% darker color. If you saturate the color by 10%, you get **75.3090, 38.3017, -11.6720**, and if you desaturate by 10%, it is **100.7150, 25.7765, -7.6431**.

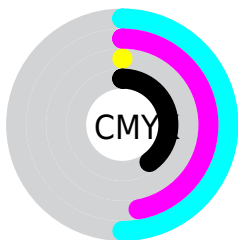
Distribution



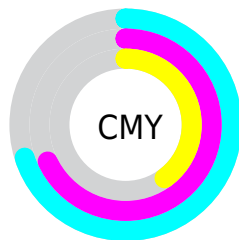
- Red (30%)
- Green (32%)
- Blue (60%)



- Red (30%)
- Yellow (32%)
- Blue (60%)



- Cyan (50%)
- Magenta (47%)
- Yellow (0%)
- Black (40%)



- Cyan (70%)
- Magenta (68%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.0120, 32.0391, -9.6575 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 88.0120, 32.0391, -9.6575 by changing the saturation by 10% instead.

■ 88.0120, 32.0391,
-9.6575

■ 88.0120, 32.0391,
-9.6575

■ 255.0000, 0.0000,
0.0000

■ 63.4740, 31.3183,
-11.8167

■ 139.1910, 33.9228,
-7.1835

■ 38.9140, 30.6084,
-17.4646

■ 165.7180, 34.6490,
-6.7687

■ 18.7570, 28.7138,
-16.4499

■ 192.1050, 31.0072,
-5.3541

■ 6.1560, 23.5871,
-5.3988

■ 216.9130, 18.7769,
-2.5547

■ 4.7080, 12.9620,
-4.1289

■ 242.3190, 6.2517,
1.4742

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,

0.0000

■ 88.0120, 32.0391,
-9.6575

■ 88.0120, 32.0391,
-9.6575

■ 75.3090, 38.3017,
-11.6720

■ 100.7150, 25.7765,
-7.6431

■ 61.7200, 45.0010,
-13.7864

■ 114.3040, 19.0771,
-5.5286

■ 49.0170, 51.2636,
-15.8009

■ 127.0070, 12.8145,
-3.5141

■ 35.7270, 57.8156,
-17.3006

■ 140.2970, 6.2626,
-2.0145

■ 23.0240, 64.0782,
-19.3150

■ 153.2990, -0.1474,
0.6148

■ 22.1380, 64.5150,
-19.4150

■ 166.5890, -6.6994,
2.1144

■ 179.2920,
-12.9620, 4.1289

■ 192.5820,
-19.5139, 5.6286

■ 205.5840,
-25.9239, 8.2578

Harmonies

Analogous

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



73.3040, 42.2481, -64.2876



88.0120, 32.0391, -9.6575



90.5350, 18.9632, 31.1028

Triad

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



88.0120, 32.0391, -9.6575



85.3590, -27.7850, 45.2892



70.2820, 5.2840, -61.6373

Complementary

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



88.0120, 32.0391, -9.6575



141.9880, -32.0391, 9.6575

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.



71.5930, -13.1103, -41.7391



88.0120, 32.0391, -9.6575



83.0670, -38.4870, 24.4972

Square

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



88.0120, 32.0391, -9.6575



84.8610, -12.2565, 58.0039



80.0850, -32.5799, -3.5825



75.0870, 21.1561, -65.8513

Rectangle

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



88.0120, 32.0391, -9.6575



87.8270, 9.4523, 48.3867



80.0850, -32.5799, -3.5825



68.9140, 0.0424, -60.4376

Sweetspot

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



88.0120, 32.0391, -9.6575



173.5940, 12.5252, -4.0289



129.7060, 9.0189, -46.2232



83.9380, 7.4256, -1.6996



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0120, 32.0391, -9.6575



97.0880, 50.2426, -14.9862



95.5310, 28.3322, 12.6893



69.9120, 3.4944, -0.7998



20.0690, 59.1260, -17.6005



2.0690, 5.3890, -1.8145

Inverse Universe

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



100.1800, -9.4557, 46.3231



116.2650, -14.9206, 72.5586



134.4690, -28.3322, -12.6893



71.3920, -1.1793, 4.9182



42.6580, -17.5794, 85.3689



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 88.0120, 32.0391, -9.6575 looks on a white 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

Black Background



This preview shows how the YUV color 88.0120, 32.0391, -9.6575 looks on a black 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

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

YUV 88.0120, 32.0391, -9.6575

Background



This preview shows how black text looks on a background with the YUV color 88.0120, 32.0391, -9.6575.



This preview shows how white text looks on a background with the YUV color 88.0120, 32.0391,

-9.6575.

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

88.0120, 32.0391, -9.6575

Protanopia

84.5260, 35.7297, -26.7713

Deuteranopia

81.4170, 34.3044, -36.3227



Tritanopia

84.3440, 8.2114, -20.4727

Trichromacy



Original Color

88.0120, 32.0391, -9.6575

Protanomaly

85.6300, 34.6924, -20.7235

Deuteranomaly

83.6570, 33.6931, -26.8862

Tritanomaly

85.9560, 16.7837, -16.6244

Monochromacy



Original Color

88.0120, 32.0391, -9.6575

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.7790, 11.9410, -3.3142

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.0120, 32.0391, -9.6575 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(77, 81, 153)` looks like.

```
.text, #text, p{  
    color:rgb(77, 81, 153)  
}
```

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(77, 81, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 81, 153) }
```

Border

The CSS property to change the border of an element to YUV 88.0120, 32.0391, -9.6575 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(77, 81, 153) }
```


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

```
.border{ border-color:rgb(77, 81, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 81, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 81, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 81, 153);  
box-shadow:4px 4px 4px 4px rgb(77, 81,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 88.0120, 32.0391, -9.6575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 81, 153) }
```

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

```
.background{ background-color: rgb(77, 81,  
153) }
```

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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