

Converting Colors

YUV(125.5350, 32.2742, 8.3008)

Have a look what the booklet for
YUV(125.5350, 32.2742, 8.3008)
contains.

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Color

**YUV(125.5350, 32.2742,
8.3008)**

Conversions

Conversions Part 1

Format	Color
Hex	876CBF
RGB	135, 108, 191
RGB Percent	53%, 42%, 75%
CMY	0.4706, 0.5765, 0.2510
CMYK	0.29, 0.43, 0.00, 0.25
HSL	260°, 39%, 59%
HSV	260°, 43%, 75%
XYZ	24.7582, 19.6376, 51.7758
YIQ	125.5350, -10.5510, 31.5370

Conversions

Conversions Part 2

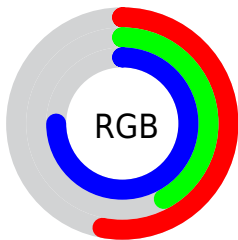
Format	Color
R_{YB}	135, 108, 191
Decimal	8875199
CIE _{Lab}	51.42, 28.70, -39.86
CIE _{LCh}	51, 49.113, 305.756
Yxy	19.6376, 0.2574, 0.2042
Android (android.graphics.Color)	4287065279 (0xFF876CBF)
YUV	125.5350, 32.2742, 8.3008
Hunter-Lab	44.3143, 22.1770, -38.2529

Details

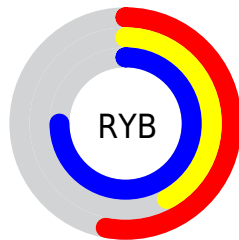
The YUV color **125.5350, 32.2742, 8.3008** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **173.4650, -32.2742, -8.3008**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.0020, 34.0160, 9.6452**, and **75.3560, 30.3905, 5.8268** is the 20% darker color. If you saturate the color by 10%, you get **110.4950, 39.6890, 10.0899**, and if you desaturate by 10%, it is **140.5750, 24.8595, 6.5117**.

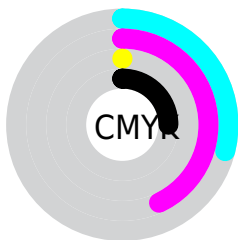
Distribution



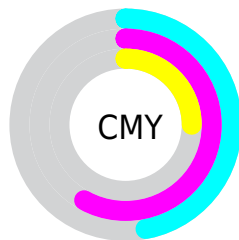
- Red (53%)
- Green (42%)
- Blue (75%)



- Red (53%)
- Yellow (42%)
- Blue (75%)



- Cyan (29%)
- Magenta (43%)
- Yellow (0%)
- Black (25%)



- Cyan (47%)
- Magenta (58%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.5350, 32.2742, 8.3008 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 125.5350, 32.2742, 8.3008 by changing the saturation by 10% instead.

■ 125.5350, 32.2742,
8.3008

■ 125.5350, 32.2742,
8.3008

■ 255.0000, 0.0000,
0.0000

■ 99.7090, 31.6955,
7.2712

■ 179.0020, 34.0160,
9.6452

■ 75.3560, 30.3905,
5.8268

■ 204.3200, 24.9852,
12.8744

■ 51.4160, 29.3749,
4.8972

■ 229.4270, 12.6075,
16.2885

■ 28.1660, 28.5122,
1.6084

■ 247.9560, 3.4727,
6.1776

■ 8.9760, 26.6338,
-2.6100

■ 6.3210, 16.6037,
-5.5435

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 125.5350, 32.2742,
8.3008

■ 125.5350, 32.2742,
8.3008

■ 110.4950, 39.6890,
10.0899

■ 140.5750, 24.8595,
6.5117

■ 95.4550, 47.1037,
11.8790

■ 155.6150, 17.4448,
4.7226

■ 80.4150, 54.5184,
13.6680

■ 170.6550, 10.0301,
2.9336

■ 65.3750, 61.9331,
15.4571

■ 185.6950, 2.6154,
1.1445

■ 50.0470, 69.4898,
18.3758

■ 200.4360, -4.6519,
-1.2594

■ 40.3120, 74.2892,
19.0204

■ 216.0630,
-12.3561, -3.5633

■ 231.1030,
-19.7708, -5.3523

■ 242.6210,
-25.4492, -4.0526

■ 246.5080,
-27.3654, 3.9395

Harmonies

Analogous

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



110.9120, 46.8784, -56.0508



125.5350, 32.2742, 8.3008



125.2490, 16.1462, 48.0166

Triad

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



125.5350, 32.2742, 8.3008



119.8400, -37.3891, 45.7443



98.7610, 15.4008, -86.6134

Complementary

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



125.5350, 32.2742, 8.3008



173.4650, -32.2742, -8.3008

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.



95.8710, -4.8664, -72.6779



125.5350, 32.2742, 8.3008



116.6980, -42.2491, 17.8049

Square

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



125.5350, 32.2742, 8.3008



120.6740, -22.0243, 64.3069



112.1650, -30.6473, -16.8077



102.8480, 33.5989, -90.1977

Rectangle

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



125.5350, 32.2742, 8.3008



122.4330, 3.7305, 63.6413



112.1650, -30.6473, -16.8077



96.4640, 9.1382, -84.5989

Sweetspot

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



125.5350, 32.2742, 8.3008



221.9370, 12.3561, 3.5633



150.9210, 19.7589, -37.6417



109.0740, 7.8515, 1.6891



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



125.5350, 32.2742, 8.3008



146.1500, 49.7191, 13.0235



137.7940, 26.2306, 33.5067



86.9230, 3.4890, 0.9445



33.2610, 61.4963, 15.5571



6.5240, 12.0667, 3.0485

Inverse Universe

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



139.2010, 12.2259, 45.4277



167.1900, 19.1333, 69.9934



161.2060, -26.2306, -33.5067



88.3750, 1.2941, 4.9331



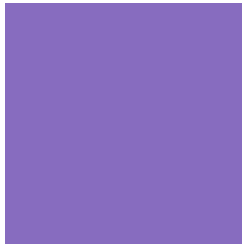
59.4400, 23.4471, 86.4371



11.6630, 4.6031, 16.9585

Previews

White Background



This preview shows how the YUV color 125.5350, 32.2742, 8.3008 looks on a white background.

Color Contrast Check

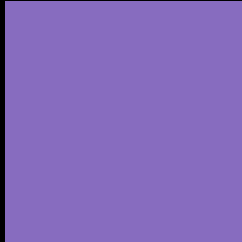
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.5350, 32.2742, 8.3008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

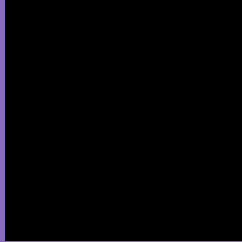
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.5350, 32.2742, 8.3008

Background



This preview shows how black text looks on a background with the YUV color 125.5350, 32.2742, 8.3008.



This preview shows how white text looks on a background with the YUV color 125.5350, 32.2742, 8.3008.

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

125.5350, 32.2742, 8.3008

Protanopia

120.3780, 40.2396, -26.6415

Deuteranopia

119.9560, 33.5457, -26.2714



Tritanopia

122.7380, 4.0732, 0.2298

Trichromacy



Original Color

125.5350, 32.2742, 8.3008

Protanomaly

122.3580, 37.2915, -14.3460

Deuteranomaly

121.9190, 33.0709, -13.9610

Tritanomaly

123.5070, 14.5400, 3.0634

Monochromacy



Original Color

125.5350, 32.2742, 8.3008

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.5240, 12.0667, 3.0485

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.5350, 32.2742, 8.3008 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(135, 108, 191)` looks like.

```
.text, #text, p{  
    color:rgb(135, 108, 191)  
}
```

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(135, 108, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 108, 191) }
```

Border

The CSS property to change the border of an element to YUV 125.5350, 32.2742, 8.3008 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(135, 108, 191) }
```


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

```
.border{ border-color:rgb(135, 108, 191) }
```

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

Here you see how a box with a 4 pixel rgb(135, 108, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 108, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 108, 191);  
box-shadow:4px 4px 4px 4px rgb(135, 108,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 125.5350, 32.2742, 8.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 108, 191) }
```

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

```
.background{ background-color: rgb(135,  
108, 191) }
```

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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