

Converting Colors

YUV(126.4190, 45.1494,
32.0815)

Have a look what the booklet for
YUV(126.4190, 45.1494, 32.0815)
contains.

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Color

**YUV(126.4190, 45.1494,
32.0815)**

Conversions

Conversions Part 1

Format	Color
Hex	A35ADA
RGB	163, 90, 218
RGB Percent	64%, 35%, 85%
CMY	0.3608, 0.6471, 0.1451
CMYK	0.25, 0.59, 0.00, 0.15
HSL	274°, 63%, 60%
HSV	274°, 59%, 85%
XYZ	31.4153, 20.1608, 68.5653
YIQ	126.4190, 2.4200, 55.2840

Conversions

Conversions Part 2

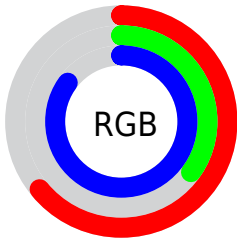
Format	Color
R _{YB}	163, 90, 218
Decimal	10705626
CIE Lab	52.02, 52.52, -54.15
CIE LCh	52, 75.439, 314.123
Yxy	20.1608, 0.2615, 0.1678
Android (android.graphics.Color)	4288895706 (0xFFA35ADA)
YUV	126.4190, 45.1494, 32.0815
Hunter-Lab	44.9008, 46.3130, -59.1077

Details

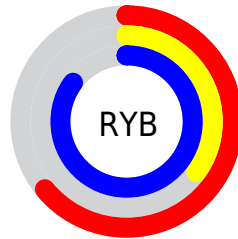
The YUV color **126.4190, 45.1494, 32.0815** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **181.5810, -45.1494, -32.0815**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.0900, 37.4236, 36.7551**, and **72.1800, 44.2813, 30.5371** is the 20% darker color. If you saturate the color by 10%, you get **110.8140, 52.8427, 37.8741**, and if you desaturate by 10%, it is **142.0240, 37.4562, 26.2890**.

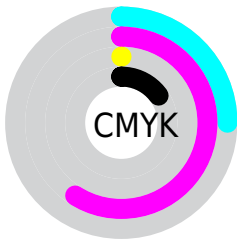
Distribution



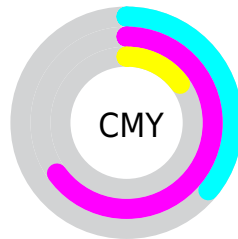
- Red (64%)
- Green (35%)
- Blue (85%)



- Red (64%)
- Yellow (35%)
- Blue (85%)



- Cyan (25%)
- Magenta (59%)
- Yellow (0%)
- Black (15%)



- Cyan (36%)
- Magenta (65%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.4190, 45.1494, 32.0815 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 126.4190, 45.1494, 32.0815 by changing the saturation by 10% instead.

■ 126.4190, 45.1494,
32.0815

■ 126.4190, 45.1494,
32.0815

■ 255.0000, 0.0000,
0.0000

■ 99.5930, 44.5707,
31.0519

■ 179.0900, 37.4236,
36.7551

■ 72.1800, 44.2813,
30.5371

■ 204.1970, 25.0459,
40.1692

■ 41.3590, 46.1650,
33.0112

■ 222.1280, 16.2059,
28.8287

■ 27.6750, 40.0932,
20.4560

■ 238.5640, 8.1029,
14.4144

■ 16.7520, 33.1533,
6.3565

■ 6.8400, 26.2079,
-5.9987

■ 5.3920, 15.5827,

-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 126.4190, 45.1494,
32.0815

■ 126.4190, 45.1494,
32.0815

■ 110.8140, 52.8427,
37.8741

■ 142.0240, 37.4562,
26.2890

■ 94.9100, 60.6834,
43.0519

■ 157.9280, 29.6155,
21.1111

■ 79.8920, 68.0872,
48.3297

■ 172.9460, 22.2116,
15.8334

■ 64.2870, 75.7805,
54.1223

■ 188.5510, 14.5184,
10.0408

61.9280, 76.9435,
54.4371

204.4550, 6.6777,
4.8630

220.0600, -1.0156,
-0.9296

235.9640, -8.8563,
-6.1074

245.6990,
-13.6556, -6.7520

248.3900,
-14.9823, -1.2190

Harmonies

Analogous

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



100.2280, 74.3306, -87.9000



126.4190, 45.1494, 32.0815



114.0710, 23.1360, 92.8997

Triad

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



126.4190, 45.1494, 32.0815



116.6180, -57.4927, 53.8320



106.7800, 23.2795, -93.6461

Complementary

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



126.4190, 45.1494, 32.0815



181.5810, -45.1494, -32.0815

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.



97.8540, -5.8440, -85.8180



126.4190, 45.1494, 32.0815



113.3750, -55.8939, 7.5641

Square

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



126.4190, 45.1494, 32.0815



113.0830, -38.9879, 92.0122



95.3350, -45.5212, -52.9138



112.3320, 49.6293, -98.5152

Rectangle

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



126.4190, 45.1494, 32.0815



104.8490, 6.4834, 114.1424



95.3350, -45.5212, -52.9138



104.2720, 13.6699, -91.4465

Sweetspot

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



126.4190, 45.1494, 32.0815



222.0180, 16.2601, 11.3852



136.8770, 39.9936, -41.1111



107.0900, 10.3086, 6.9371



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.



126.4190, 45.1494, 32.0815



127.4910, 62.8619, 44.2964



141.8380, 33.1109, 66.7941



102.0480, 3.9203, 2.5889



49.3230, 60.9728, 43.5667



13.0180, 16.2601, 11.3852

Inverse Universe

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



134.5420, 5.1558, 73.1927



138.8860, 6.9582, 101.8320



166.1620, -33.1109, -66.7941



102.7450, 0.1257, 6.3626



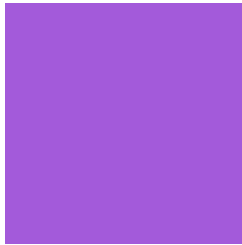
60.2770, 7.2584, 98.8581



16.0340, 1.9552, 26.2802

Previews

White Background



This preview shows how the YUV color 126.4190, 45.1494, 32.0815 looks on a white background.

Color Contrast Check

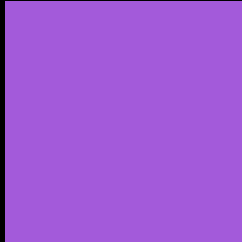
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.4190, 45.1494, 32.0815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

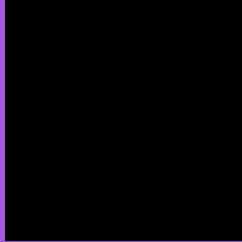
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.4190, 45.1494, 32.0815

Background



This preview shows how black text looks on a background with the YUV color 126.4190, 45.1494, 32.0815.



This preview shows how white text looks on a background with the YUV color 126.4190, 45.1494,

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

126.4190, 45.1494, 32.0815

Protanopia

109.8890, 68.5817, -63.9237

Deuteranopia

115.9670, 46.8513, -47.3291



Tritanopia

126.2950, -0.6384, 18.1583

Trichromacy



Original Color

126.4190, 45.1494, 32.0815

Protanomaly

115.9320, 60.1795, -28.8814

Deuteranomaly

119.7410, 46.4697, -18.1899

Tritanomaly

126.6820, 15.9328, 23.0809

Monochromacy



Original Color

126.4190, 45.1494, 32.0815

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.0180, 16.2601, 11.3852

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.4190, 45.1494, 32.0815 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(163, 90, 218)` looks like.

```
.text, #text, p{  
    color:rgb(163, 90, 218)  
}
```

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(163, 90, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 90, 218) }
```

Border

The CSS property to change the border of an element to YUV 126.4190, 45.1494, 32.0815 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(163, 90, 218) }
```


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

```
.border{ border-color:rgb(163, 90, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 90, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 90, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 90, 218);  
box-shadow:4px 4px 4px 4px rgb(163, 90,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 126.4190, 45.1494, 32.0815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 90, 218) }
```

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

```
.background{ background-color: rgb(163, 90,  
218) }
```

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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