

Converting Colors

YUV(143.6400, 46.5195,
12.5937)

Have a look what the booklet for
YUV(143.6400, 46.5195, 12.5937)
contains.

YUV(143.6400, 46.5195, 12.5937)	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(143.6400, 46.5195,
12.5937)**

Conversions

Conversions Part 1

Format	Color
Hex	9E76EE
RGB	158, 118, 238
RGB Percent	62%, 46%, 93%
CMY	0.3804, 0.5373, 0.0667
CMYK	0.34, 0.50, 0.00, 0.07
HSL	260°, 78%, 70%
HSV	260°, 50%, 93%
XYZ	36.0116, 26.3990, 84.0864
YIQ	143.6400, -14.6800, 45.8000

Conversions

Conversions Part 2

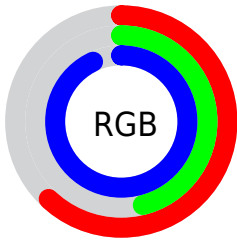
Format	Color
RYB	158, 118, 238
Decimal	10385134
CIELab	58.41, 41.05, -55.19
CIELCh	58, 68.787, 306.642
Yxy	26.3990, 0.2458, 0.1802
Android (android.graphics.Color)	4288575214 (0xFF9E76EE)
YUV	143.6400, 46.5195, 12.5937
Hunter-Lab	51.3800, 35.1935, -61.0657

Details

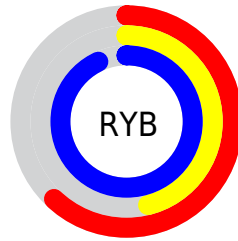
The YUV color $143.6400, 46.5195, 12.5937$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $212.3600, -46.5195, -12.5937$, and the grayscale version is $143.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $194.0310, 30.0577, 19.2668$, and $91.0480, 44.3463, 9.6049$ is the 20% darker color. If you saturate the color by 10%, you get $124.7680, 55.8234, 15.1125$, and if you desaturate by 10%, it is $162.5120, 37.2156, 10.0750$.

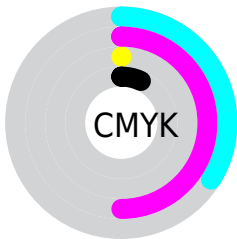
Distribution



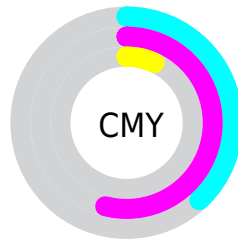
- Red (62%)
- Green (46%)
- Blue (93%)



- Red (62%)
- Yellow (46%)
- Blue (93%)



- Cyan (34%)
- Magenta (50%)
- Yellow (0%)
- Black (7%)



- Cyan (38%)
- Magenta (54%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.6400, 46.5195, 12.5937 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 143.6400, 46.5195, 12.5937 by changing the saturation by 10% instead.

■ 143.6400, 46.5195,
12.5937

■ 143.6400, 46.5195,
12.5937

■ 255.0000, 0.0000,
0.0000

■ 117.2870, 45.2145,
11.1493

■ 194.0310, 30.0577,
19.2668

■ 91.0480, 44.3463,
9.6049

■ 219.1380, 17.6800,
22.6810

■ 65.5100, 43.6256,
7.4457

■ 238.5640, 8.1029,
14.4144

■ 39.9610, 42.9102,
3.5422

■ 11.9270, 44.4060,
-9.5830

■ 8.7780, 33.6334,
-7.6983

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 143.6400, 46.5195,
12.5937

■ 143.6400, 46.5195,
12.5937

■ 124.7680, 55.8234,
15.1125

■ 162.5120, 37.2156,
10.0750

■ 105.8960, 65.1273,
17.6312

■ 181.3840, 27.9117,
7.5562

■ 87.6110, 74.1418,
19.6352

■ 199.6690, 18.8972,
5.5523

■ 69.0380, 83.2983,
22.7687

■ 218.2420, 9.7407,
2.4188

■ 50.7530, 92.3128,
24.7726

■ 237.1140, 0.4368,
-0.1000

■ 252.4640, -7.1308,
0.4701

■ 253.0620, -7.4256,
1.6996

Harmonies

Analogous

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



113.0110, 70.0006, -99.1106



143.6400, 46.5195, 12.5937



140.1670, 24.0747, 71.7675

Triad

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



143.6400, 46.5195, 12.5937



133.4020, -59.8512, 63.6684



116.0580, 18.2124, -101.7829

Complementary

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



143.6400, 46.5195, 12.5937



212.3600, -46.5195, -12.5937

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.



107.1150, -8.4377, -93.9399



143.6400, 46.5195, 12.5937



129.9980, -64.0890, 22.8038

Square

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



143.6400, 46.5195, 12.5937



133.3740, -30.2574, 91.7570



122.8590, -46.7655, -27.0633



122.0830, 43.8361, -107.0668

Rectangle

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



143.6400, 46.5195, 12.5937



134.0700, 7.8535, 94.6546



122.8590, -46.7655, -27.0633



113.0770, 9.3290, -99.1685

Sweetspot

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



143.6400, 46.5195, 12.5937



224.9200, 14.8294, 3.5782



178.6400, 29.2645, -53.1813



109.7150, 9.0145, 2.0039



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.



143.6400, 46.5195, 12.5937



132.3320, 60.4753, 16.3718



161.5800, 37.6751, 49.4803



110.5640, 4.6519, 1.2594



39.2150, 71.3790, 19.1054



12.0650, 21.6600, 6.0820

Inverse Universe

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



163.0000, 17.2550, 65.7750



157.5000, 22.4315, 85.5075



194.4200, -37.6751, -49.4803



112.5000, 1.7255, 6.5775



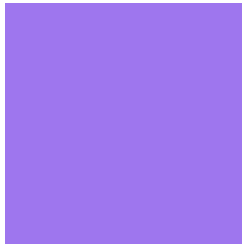
68.9240, 26.1665, 100.9217



20.9620, 7.9067, 30.7283

Previews

White Background



This preview shows how the YUV color 143.6400, 46.5195, 12.5937 looks on a white background.

Color Contrast Check

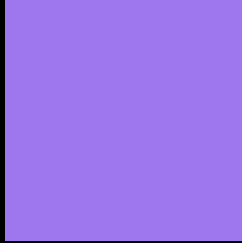
Large Text (above 18pt) WCAG AA ✓ Pass

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 143.6400, 46.5195, 12.5937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

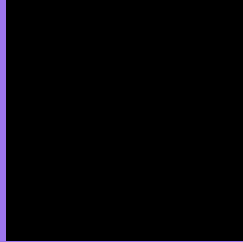
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 143.6400, 46.5195, 12.5937

Background



This preview shows how black text looks on a background with the YUV color 143.6400, 46.5195, 12.5937.



This preview shows how white text looks on a background with the YUV color 143.6400, 46.5195,

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

143.6400, 46.5195, 12.5937

Protanopia

134.0070, 59.6495, -45.6101

Deuteranopia

132.9500, 49.3247, -47.3141



Tritanopia

140.5530, 4.6574, -0.4850

Trichromacy



Original Color

143.6400, 46.5195, 12.5937



Protanomaly

137.5860, 54.9271, -24.1929



Deuteranomaly

137.1530, 48.2386, -25.5672



Tritanomaly

141.5980, 19.9182, 4.7376

Monochromacy



Original Color

143.6400, 46.5195, 12.5937



Achromatopsia

144.0000, 0.0000, 0.0000



Achromatomaly

144.0880, 16.7186, 4.3078

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.6400, 46.5195, 12.5937 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(158, 118, 238)` looks like.

```
.text, #text, p{  
    color:rgb(158, 118, 238)  
}
```

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(158, 118, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 118, 238) }
```

Border

The CSS property to change the border of an element to YUV 143.6400, 46.5195, 12.5937 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(158, 118, 238) }
```


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

```
.border{ border-color:rgb(158, 118, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 118, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 118, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 118, 238);  
box-shadow:4px 4px 4px 4px rgb(158, 118,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 143.6400, 46.5195, 12.5937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 118, 238) }
```

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

```
.background{ background-color: rgb(158,  
118, 238) }
```

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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