

Converting Colors

YUV(145.0190, 24.6406,
-16.6797)

Have a look what the booklet for
YUV(145.0190, 24.6406, -16.6797)
contains.

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Color

**YUV(145.0190, 24.6406,
-16.6797)**

Conversions

Conversions Part 1

Format	Color
Hex	7E91C3
RGB	126, 145, 195
RGB Percent	49%, 57%, 76%
CMY	0.5059, 0.4314, 0.2353
CMYK	0.35, 0.26, 0.00, 0.24
HSL	223°, 37%, 63%
HSV	223°, 35%, 76%
XYZ	28.5799, 28.6265, 55.6489
YIQ	145.0190, -27.3740, 11.5220

Conversions

Conversions Part 2

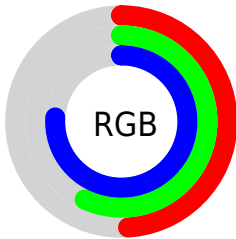
Format	Color
R_YB	126, 141, 195
Decimal	8294851
CIE Lab	60.45, 5.45, -28.09
CIE LCh	60, 28.617, 280.969
Yxy	28.6265, 0.2532, 0.2537
Android (android.graphics.Color)	4286484931 (0xFF7E91C3)
YUV	145.0190, 24.6406, -16.6797
Hunter-Lab	53.5038, 1.7170, -24.2145

Details

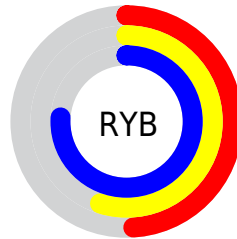
The YUV color $145.0190, 24.6406, -16.6797$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $175.9810, -24.6406, 16.6797$, and the grayscale version is $145.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $199.3610, 25.9510, -16.9796$, and $93.9650, 23.1883, -17.5093$ is the 20% darker color. If you saturate the color by 10%, you get $131.1200, 31.4928, -21.1532$, and if you desaturate by 10%, it is $159.2170, 17.6410, -11.5913$.

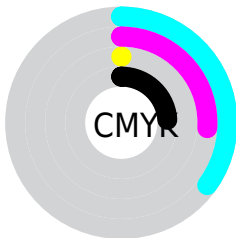
Distribution



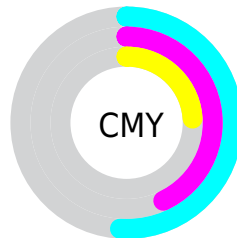
- Red (49%)
- Green (57%)
- Blue (76%)



- Red (49%)
- Yellow (55%)
- Blue (76%)



- Cyan (35%)
- Magenta (26%)
- Yellow (0%)
- Black (24%)



- Cyan (51%)
- Magenta (43%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.0190, 24.6406, -16.6797 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 145.0190, 24.6406, -16.6797 by changing the saturation by 10% instead.

■ 145.0190, 24.6406,
-16.6797

■ 145.0190, 24.6406,
-16.6797

255.0000, 0.0000,
0.0000

■ 118.9050, 24.2038,
-16.5797

■ 199.3610, 25.9510,
-16.9796

■ 93.9650, 23.1883,
-17.5093

■ 224.8100, 14.8837,
-13.8654

■ 69.1390, 22.6095,
-18.5389

■ 249.6180, 2.6533,
-11.0660

■ 45.1170, 22.6203,
-22.0276

■ 24.0740, 21.1625,
-21.1129

■ 5.7170, 19.3665,
-5.0138

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 145.0190, 24.6406,
-16.6797

■ 145.0190, 24.6406,
-16.6797

■ 131.1200, 31.4928,
-21.1532

■ 159.2170, 17.6410,
-11.5913

■ 116.9220, 38.4925,
-26.2416

■ 173.1160, 10.7888,
-7.1177

■ 103.0230, 45.3447,
-30.7152

■ 187.3140, 3.7892,
-2.0294

■ 88.2380, 52.6337,
-35.2887

■ 201.8000, -3.3524,
1.9294

■ 74.3390, 59.4859,
-39.7623

■ 215.9980,
-10.3520, 7.0178

■ 60.1410, 66.4855,
-44.8507

■ 229.8970,
-17.2042, 11.4913

■ 53.9280, 69.5485,
-47.2949

■ 241.7030,
-23.0246, 11.6615

■ 248.1600,
-26.2079, 5.9987

Harmonies

Analogous

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



138.1250, 27.0534, -43.9596



145.0190, 24.6406, -16.6797



148.9470, 17.2811, 10.5705

Triad

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



145.0190, 24.6406, -16.6797



147.3010, -16.4174, 39.2010



136.0420, -3.9647, -35.1168

Complementary

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



145.0190, 24.6406, -16.6797



175.9810, -24.6406, 16.6797

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.



140.2700, -16.4021, -12.5148



145.0190, 24.6406, -16.6797



145.8020, -23.0734, 27.3606

Square

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



145.0190, 24.6406, -16.6797



148.7710, -5.8031, 41.4198



143.2790, -23.3085, 9.4023



132.1070, 10.7932, -55.3448

Rectangle

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



145.0190, 24.6406, -16.6797



149.9120, 10.3964, 25.5102



143.2790, -23.3085, 9.4023



137.5330, -8.6438, -27.6544

Sweetspot

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



145.0190, 24.6406, -16.6797



232.1870, 9.7678, -6.3030



172.0890, 1.4351, -40.4201



115.2860, 6.2680, -3.7588



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.



145.0190, 24.6406, -16.6797



175.6940, 37.6189, -26.0416



138.3510, 27.9280, 2.3232



89.9010, 3.4998, -2.5442



44.1820, 57.5913, -38.7476



9.0450, 11.8098, -7.9325

Inverse Universe

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



148.7970, -1.8719, 40.5200



181.1140, -2.5212, 62.1670



182.6490, -27.9280, -2.3232



90.3320, -0.1637, 5.8478



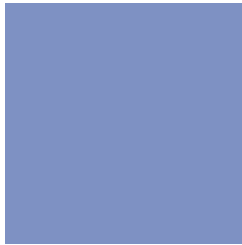
53.1550, -4.5134, 94.5801



10.8930, -0.9332, 19.3878

Previews

White Background



This preview shows how the YUV color 145.0190, 24.6406, -16.6797 looks on a white background.

Color Contrast Check

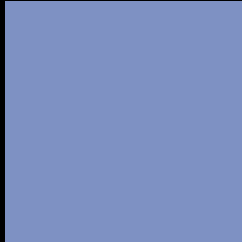
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.0190, 24.6406, -16.6797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

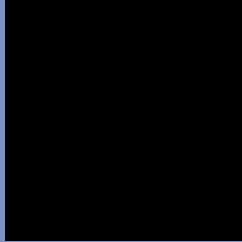
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.0190, 24.6406, -16.6797

Background



This preview shows how black text looks on a background with the YUV color 145.0190, 24.6406, -16.6797.



This preview shows how white text looks on a background with the YUV color 145.0190, 24.6406, -16.6797.

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

145.0190, 24.6406, -16.6797

Protanopia

145.8130, 23.7562, -12.9910

Deuteranopia

145.6390, 24.3350, -11.9614



Tritanopia

142.8000, 9.9586, -20.8726

Trichromacy



Original Color

145.0190, 24.6406, -16.6797

Protanomaly

145.2150, 24.0510, -14.2206

Deuteranomaly

145.6280, 24.3404, -13.7058

Tritanomaly

143.8910, 15.3367, -19.1984

Monochromacy



Original Color

145.0190, 24.6406, -16.6797

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.9590, 8.8942, -6.1030

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.0190, 24.6406, -16.6797 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(126, 145, 195)` looks like.

```
.text, #text, p{  
    color:rgb(126, 145, 195)  
}
```

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(126, 145, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 145, 195) }
```

Border

The CSS property to change the border of an element to YUV 145.0190, 24.6406, -16.6797 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(126, 145, 195) }
```


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

```
.border{ border-color:rgb(126, 145, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 145, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 145, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 145, 195);  
box-shadow:4px 4px 4px 4px rgb(126, 145,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 145.0190, 24.6406, -16.6797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 145, 195) }
```

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

```
.background{ background-color: rgb(126,  
145, 195) }
```

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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