

Converting Colors

YUV(90.0390, 14.2778, -6.1732)

Have a look what the booklet for
YUV(90.0390, 14.2778, -6.1732)
contains.

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Color

**YUV(90.0390, 14.2778,
-6.1732)**

Conversions

Conversions Part 1

Format	Color
Hex	535877
RGB	83, 88, 119
RGB Percent	33%, 35%, 47%
CMY	0.6745, 0.6549, 0.5333
CMYK	0.30, 0.26, 0.00, 0.53
HSL	232°, 18%, 40%
HSV	232°, 30%, 47%
XYZ	10.3868, 10.1504, 18.8645
YIQ	90.0390, -12.9310, 8.5810

Conversions

Conversions Part 2

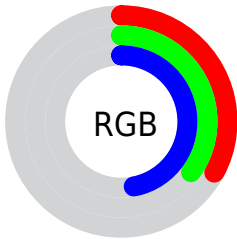
Format	Color
R_{YB}	83, 87, 119
Decimal	5462135
CIE _{Lab}	38.11, 5.81, -18.20
CIE _{LCh}	38, 19.106, 287.705
Yxy	10.1504, 0.2636, 0.2576
Android (android.graphics.Color)	4283652215 (0xFF535877)
YUV	90.0390, 14.2778, -6.1732
Hunter-Lab	31.8596, 2.4397, -12.8047

Details

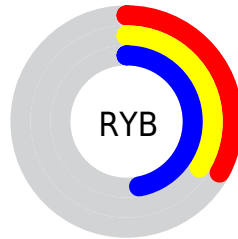
The YUV color **90.0390, 14.2778, -6.1732** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **111.9610, -14.2778, 6.1732**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.2670, 15.1514, -6.3732**, and **43.9850, 12.8254, -7.0028** is the 20% darker color. If you saturate the color by 10%, you get **80.5810, 18.9406, -8.4025**, and if you desaturate by 10%, it is **99.4970, 9.6150, -3.9439**.

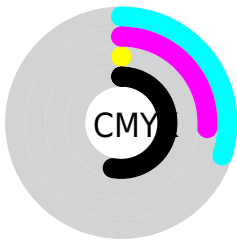
Distribution



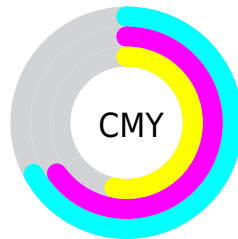
- Red (33%)
- Green (35%)
- Blue (47%)



- Red (33%)
- Yellow (34%)
- Blue (47%)



- Cyan (30%)
- Magenta (26%)
- Yellow (0%)
- Black (53%)



- Cyan (67%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.0390, 14.2778, -6.1732 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 90.0390, 14.2778, -6.1732 by changing the saturation by 10% instead.

■ 90.0390, 14.2778,
-6.1732

■ 90.0390, 14.2778,
-6.1732

■ 255.0000, 0.0000,
0.0000

■ 66.5120, 13.5516,
-6.5880

■ 140.2670, 15.1514,
-6.3732

■ 43.9850, 12.8254,
-7.0028

■ 166.7940, 15.8776,
-5.9583

■ 23.1590, 12.2466,
-8.0324

■ 193.9080, 16.3144,
-6.0583

■ 3.6650, 11.5042,
-3.2142

■ 221.9080, 16.3144,
-6.0583

■ 0.0000, 0.0000,
0.0000

■ 246.7160, 4.0840,
-3.2589

■ 90.0390, 14.2778,
-6.1732

■ 90.0390, 14.2778,
-6.1732

■ 80.5810, 18.9406,
-8.4025

■ 99.4970, 9.6150,
-3.9439

■ 71.1230, 23.6034,
-10.6319

■ 108.9550, 4.9522,
-1.7145

■ 61.0780, 28.5555,
-12.3464

■ 119.0000, 0.0000,
0.0000

■ 51.6200, 33.2183,
-14.5757

■ 128.4580, -4.6628,
2.2293

■ 42.1620, 37.8811,
-16.8051

■ 137.6170, -9.1782,
3.8439

■ 33.0030, 42.3965,
-18.4196


■ 147.0750,
-13.8410, 6.0732

■ 23.5450, 47.0593,
-20.6490

■ 157.1200,
-18.7932, 7.7878

■ 166.5780,

-23.4560, 10.0171

 176.0360,
-28.1187, 12.2464

Harmonies

Analogous

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



86.2110, 16.6580, -22.9870



90.0390, 14.2778, -6.1732



92.1720, 9.2822, 9.4962

Triad

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



90.0390, 14.2778, -6.1732



90.8690, -11.2744, 22.9169



83.7320, -0.3609, -24.3210

Complementary

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



90.0390, 14.2778, -6.1732



111.9610, -14.2778, 6.1732

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.



86.2300, -8.9874, -10.7257



90.0390, 14.2778, -6.1732



89.6030, -14.5943, 14.3802

Square

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



90.0390, 14.2778, -6.1732



91.1990, -5.0281, 26.1355



88.0530, -13.8301, 2.5845



81.3700, 8.6916, -34.5275

Rectangle

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



90.0390, 14.2778, -6.1732



92.3750, 4.7451, 18.0881



88.0530, -13.8301, 2.5845



84.2550, -3.5767, -19.5176

Sweetspot

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



90.0390, 14.2778, -6.1732



144.1830, 5.8258, -1.9145



107.6660, 3.1227, -21.6321



72.2000, 3.3524, -1.9294



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



90.0390, 14.2778, -6.1732



110.4930, 22.4350, -9.2024



90.9910, 13.8084, 4.3929



54.2710, 2.3314, -1.1147



23.8870, 48.3697, -20.9489



49.0450, 99.0708, -43.0125

Inverse Universe

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



94.3340, -3.1227, 21.6321



117.5420, -5.1972, 33.7277



111.0090, -13.8084, -4.3929



54.9080, -0.4476, 3.5887



38.4160, -10.5581, 73.3032



78.7400, -21.5638, 150.1950

Previews

White Background



This preview shows how the YUV color 90.0390, 14.2778, -6.1732 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 × Fail

Black Background



This preview shows how the YUV color 90.0390, 14.2778, -6.1732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

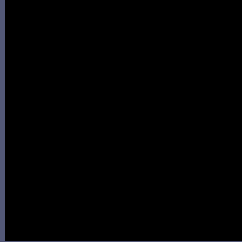
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.0390, 14.2778, -6.1732

Background



This preview shows how black text looks on a background with the YUV color 90.0390, 14.2778, -6.1732.



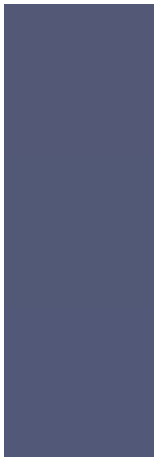
This preview shows how white text looks on a background with the YUV color 90.0390, 14.2778,

-6.1732.

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

90.0390, 14.2778, -6.1732

Protanopia

90.0280, 14.2832, -7.9176

Deuteranopia

89.7400, 14.4252, -6.7880



Tritanopia

88.9110, 4.9739, -8.6919

Trichromacy



Original Color

90.0390, 14.2778, -6.1732

Protanomaly

90.3270, 14.1358, -7.3028

Deuteranomaly

89.7400, 14.4252, -6.7880

Tritanomaly

89.4210, 8.1734, -8.2622

Monochromacy



Original Color

90.0390, 14.2778, -6.1732

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.7700, 5.5364, -2.4293

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.0390, 14.2778, -6.1732 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(83, 88, 119)` looks like.

```
.text, #text, p{  
    color:rgb(83, 88, 119)  
}
```

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(83, 88, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 88, 119) }
```

Border

The CSS property to change the border of an element to YUV 90.0390, 14.2778, -6.1732 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(83, 88, 119) }
```


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

```
.border{ border-color:rgb(83, 88, 119) }
```

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

Here you see how a box with a 4 pixel rgb(83, 88, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 88, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 88, 119);  
box-shadow:4px 4px 4px 4px rgb(83, 88,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 90.0390, 14.2778, -6.1732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 88, 119) }
```

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

```
.background{ background-color: rgb(83, 88,  
119) }
```

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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