

Converting Colors

YUV(140.0650, 21.6600, 6.0820)

Have a look what the booklet for
YUV(140.0650, 21.6600, 6.0820)
contains.

YUV(140.0650, 21.6600, 6.0820)	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(140.0650, 21.6600,
6.0820)**

Conversions

Conversions Part 1

Format	Color
Hex	9380B8
RGB	147, 128, 184
RGB Percent	58%, 50%, 72%
CMY	0.4235, 0.4980, 0.2784
CMYK	0.20, 0.30, 0.00, 0.28
HSL	260°, 28%, 61%
HSV	260°, 30%, 72%
XYZ	28.4035, 25.1021, 48.6956
YIQ	140.0650, -6.6520, 21.4440

Conversions

Conversions Part 2

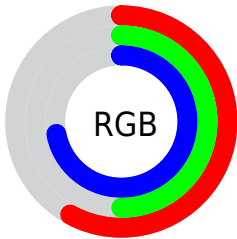
Format	Color
RYB	147, 128, 184
Decimal	9666744
CIELab	57.17, 18.87, -26.78
CIELCh	57, 32.766, 305.173
Yxy	25.1021, 0.2779, 0.2456
Android (android.graphics.Color)	4287856824 (0xFF9380B8)
YUV	140.0650, 21.6600, 6.0820
Hunter-Lab	50.1020, 13.5157, -22.5543

Details

The YUV color **140.0650, 21.6600, 6.0820** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **171.9350, -21.6600, -6.0820**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.0050, 22.6755, 7.0116**, and **89.7120, 20.3550, 4.6376** is the 20% darker color. If you saturate the color by 10%, you get **125.9110, 28.6379, 7.9711**, and if you desaturate by 10%, it is **154.2190, 14.6820, 4.1929**.

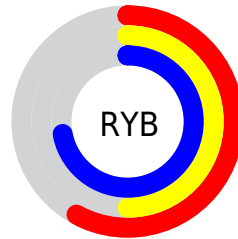
Distribution



Red (58%)

Green (50%)

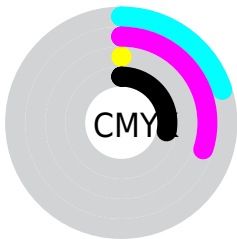
Blue (72%)



Red (58%)

Yellow (50%)

Blue (72%)

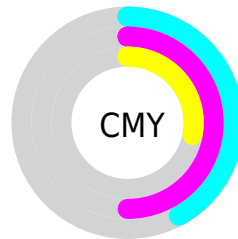


Cyan (20%)

Magenta (30%)

Yellow (0%)

Black (28%)



Cyan (42%)

Magenta (50%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.0650, 21.6600, 6.0820 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 140.0650, 21.6600, 6.0820 by changing the saturation by 10% instead.

■ 140.0650, 21.6600,
6.0820

■ 140.0650, 21.6600,
6.0820

■ 255.0000, 0.0000,
0.0000

■ 114.5380, 20.9338,
5.6672

■ 194.0050, 22.6755,
7.0116

■ 89.7120, 20.3550,
4.6376

■ 220.5230, 16.9972,
8.3113

■ 66.0710, 19.1920,
4.3227

■ 244.4340, 5.2090,
9.2664

■ 43.2450, 18.6132,
3.2931

■ 22.0060, 17.7450,
1.7487

■ 4.1040, 15.7247,
-3.5992

■ 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 140.0650, 21.6600,
6.0820

■ 140.0650, 21.6600,
6.0820

■ 125.9110, 28.6379,
7.9711

■ 154.2190, 14.6820,
4.1929

■ 111.1700, 35.9052,
10.3749

■ 168.9600, 7.4147,
1.7891

■ 97.0160, 42.8831,
12.2640

■ 183.1140, 0.4368,
-0.1000

■ 81.9760, 50.2978,
14.0530

■ 198.1540, -6.9779,
-1.8891

■ 67.8220, 57.2758,
15.9421

■ 212.3080,
-13.9558, -3.7781

■ 53.6680, 64.2537,
17.8312

■ 226.4620,
-20.9338, -5.6672

■ 39.5140, 71.2316,
19.7202

■ 240.0290,
-27.6223, -7.0414

■ 243.6170,
-29.3912, 0.3359

■ 246.9060,
-31.0127, 7.0984

Harmonies

Analogous

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



134.2180, 29.4725, -26.5012



140.0650, 21.6600, 6.0820



141.2440, 10.2327, 31.3580

Triad

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



140.0650, 21.6600, 6.0820



136.9770, -25.1317, 34.2232



119.0410, 10.8258, -65.8110

Complementary

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



140.0650, 21.6600, 6.0820



171.9350, -21.6600, -6.0820

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.



126.5320, -7.1643, -35.5466



140.0650, 21.6600, 6.0820



134.6880, -26.9612, 14.3056

Square

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



140.0650, 21.6600, 6.0820



138.1600, -15.8549, 45.4637



131.4400, -20.9229, -9.1559



107.9030, 30.1208, -94.6309

Rectangle

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



140.0650, 21.6600, 6.0820



140.3180, 1.3222, 42.6941



131.4400, -20.9229, -9.1559



121.7990, 4.5361, -55.0747

Sweetspot

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



140.0650, 21.6600, 6.0820



222.6010, 8.5777, 2.1039



156.1030, 13.7532, -24.6463



109.6780, 5.0887, 1.1594



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



140.0650, 21.6600, 6.0820



170.1160, 34.4528, 9.5453



148.4370, 17.5326, 23.2958



84.9230, 3.4890, 0.9445



33.6310, 60.3279, 16.9866



6.1820, 10.7563, 3.3484

Inverse Universe

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



148.9620, 7.9067, 30.7283



184.3370, 12.6519, 48.8165



163.5630, -17.5326, -23.2958



86.3750, 1.2941, 4.9331



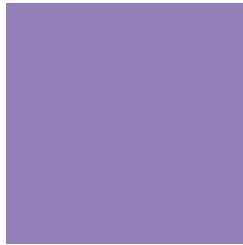
58.3860, 21.9947, 85.6075



10.5380, 4.1718, 15.3142

Previews

White Background



This preview shows how the YUV color 140.0650, 21.6600, 6.0820 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 140.0650, 21.6600, 6.0820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

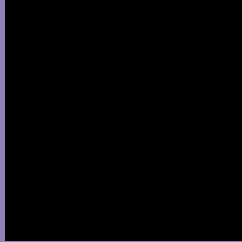
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.0650, 21.6600, 6.0820

Background



This preview shows how black text looks on a background with the YUV color 140.0650, 21.6600, 6.0820.



This preview shows how white text looks on a background with the YUV color 140.0650, 21.6600,

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

140.0650, 21.6600, 6.0820

Protanopia

137.0840, 26.0876, -14.1057

Deuteranopia

137.7810, 22.2930, -10.3319



Tritanopia

137.7490, 4.0677, 1.9741

Trichromacy



Original Color

140.0650, 21.6600, 6.0820

Protanomaly

137.7860, 24.7555, -6.8283

Deuteranomaly

138.4120, 21.9819, -3.8693

Tritanomaly

138.4810, 10.6089, 3.9632

Monochromacy



Original Color

140.0650, 21.6600, 6.0820

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.3730, 7.7041, 2.3039

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.0650, 21.6600, 6.0820 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(147, 128, 184)` looks like.

```
.text, #text, p{  
    color:rgb(147, 128, 184)  
}
```

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(147, 128, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 128, 184) }
```

Border

The CSS property to change the border of an element to YUV 140.0650, 21.6600, 6.0820 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(147, 128, 184) }
```


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

```
.border{ border-color:rgb(147, 128, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 128, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 128, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 128, 184);  
box-shadow:4px 4px 4px 4px rgb(147, 128,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 140.0650, 21.6600, 6.0820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 128, 184) }
```

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

```
.background{ background-color: rgb(147,  
128, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor