

Converting Colors

YUV(140.4480, 23.9361,
-24.0719)

Have a look what the booklet for
YUV(140.4480, 23.9361, -24.0719)
contains.

YUV(140.4480, 23.9361, -24.0719)	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(140.4480, 23.9361,
-24.0719)**

Conversions

Conversions Part 1

Format	Color
Hex	7191BD
RGB	113, 145, 189
RGB Percent	44%, 57%, 74%
CMY	0.5569, 0.4314, 0.2588
CMYK	0.40, 0.23, 0.00, 0.26
HSL	215°, 37%, 59%
HSV	215°, 40%, 74%
XYZ	26.1208, 27.4356, 52.0630
YIQ	140.4480, -33.1960, 6.9000

Conversions

Conversions Part 2

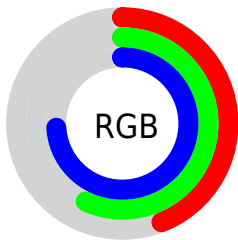
Format	Color
R _Y B	113, 136, 189
Decimal	7442877
CIE Lab	59.38, 0.18, -26.44
CIE LCh	59, 26.437, 270.396
Yxy	27.4356, 0.2473, 0.2598
Android (android.graphics.Color)	4285632957 (0xFF7191BD)
YUV	140.4480, 23.9361, -24.0719
Hunter-Lab	52.3790, -2.6476, -22.2670

Details

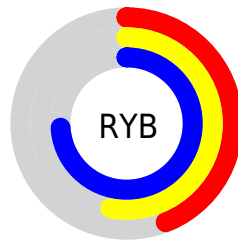
The YUV color $140.4480, 23.9361, -24.0719$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $161.5520, -23.9361, 24.0719$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $194.6760, 24.8097, -24.2719$, and $89.2090, 23.0680, -25.6163$ is the 20% darker color. If you saturate the color by 10%, you get $128.3100, 29.9202, -30.0899$, and if you desaturate by 10%, it is $152.5860, 17.9521, -18.0539$.

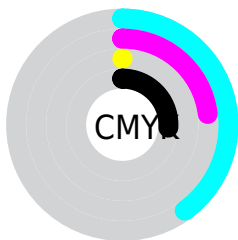
Distribution



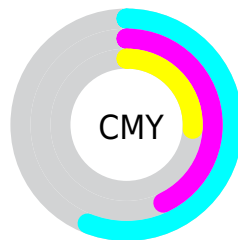
- Red (44%)
- Green (57%)
- Blue (74%)



- Red (44%)
- Yellow (53%)
- Blue (74%)



- Cyan (40%)
- Magenta (23%)
- Yellow (0%)
- Black (26%)



- Cyan (56%)
- Magenta (43%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.4480, 23.9361, -24.0719 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 140.4480, 23.9361, -24.0719 by changing the saturation by 10% instead.

■ 140.4480, 23.9361,
-24.0719

■ 140.4480, 23.9361,
-24.0719

255.0000, 0.0000,
0.0000

■ 114.3340, 23.4993,
-23.9719

■ 194.6760, 24.8097,
-24.2719

■ 89.2090, 23.0680,
-25.6163

■ 220.6240, 16.9474,
-22.4722

■ 64.0840, 22.6366,
-27.2607

■ 245.7310, 4.5696,
-19.0581

■ 38.4530, 22.9477,
-33.7233

254.4020, 0.2948,
-1.2296

■ 23.5040, 18.9785,
-20.6130

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 140.4480, 23.9361,
-24.0719

■ 140.4480, 23.9361,
-24.0719

■ 128.3100, 29.9202,
-30.0899

■ 152.5860, 17.9521,
-18.0539

■ 116.1720, 35.9042,
-36.1078

■ 164.7240, 11.9681,
-12.0359

■ 104.0340, 41.8882,
-42.1258

■ 176.8620, 5.9840,
-6.0180

■ 91.8960, 47.8723,
-48.1438

■ 189.0000, 0.0000,
0.0000

■ 79.7580, 53.8563,
-54.1618

■ 201.1380, -5.9840,
6.0180

■ 68.5060, 59.4035,
-60.0798

■ 212.9770,
-11.8207, 11.4212

■ 225.1150,
-17.8047, 17.4391

■ 234.5620,
-22.4621, 17.9241

■ 240.4320,
-25.3560, 12.7761

Harmonies

Analogous

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



133.7180, 24.2960, -46.2337



140.4480, 23.9361, -24.0719



145.2340, 18.6186, 1.5488

Triad

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



140.4480, 23.9361, -24.0719



144.8540, -11.7600, 38.7160



135.9570, -8.3598, -25.3953

Complementary

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



140.4480, 23.9361, -24.0719



161.5520, -23.9361, 24.0719

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.



139.1570, -18.3184, -4.5227



140.4480, 23.9361, -24.0719



143.6220, -20.0266, 30.1495

Square

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



140.4480, 23.9361, -24.0719



146.2910, -1.1295, 35.7018



141.8390, -22.5986, 15.0502



132.2780, 4.7929, -44.0938

Rectangle

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



140.4480, 23.9361, -24.0719



146.5410, 13.0443, 16.1885



141.8390, -22.5986, 15.0502



136.7900, -11.7285, -18.2328

Sweetspot

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



140.4480, 23.9361, -24.0719



226.0510, 9.3419, -9.6917



162.5140, -3.2114, -43.4238



111.0470, 5.3998, -5.3032



250.0000, 0.0000, 0.0000



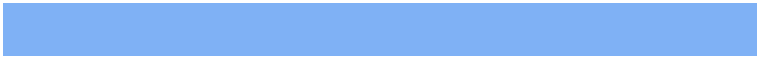
122.0000, 0.0000, 0.0000

Same Dimension

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



140.4480, 23.9361, -24.0719



169.8020, 37.0726, -37.5374



123.1590, 32.4596, -4.5244



88.3740, 2.7736, -2.9590



57.3410, 49.6249, -50.2881



11.1650, 9.7787, -9.7917

Inverse Universe

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



139.3720, 2.7746, 43.5238



167.9820, 4.4459, 67.5448



178.8410, -32.4596, 4.5244



88.1470, 0.4205, 5.1331



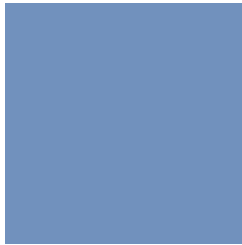
54.8800, 5.9752, 90.4362



10.7510, 1.1088, 17.7584

Previews

White Background



This preview shows how the YUV color 140.4480, 23.9361, -24.0719 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 140.4480, 23.9361, -24.0719 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 140.4480, 23.9361, -24.0719

Background



This preview shows how black text looks on a background with the YUV color 140.4480, 23.9361, -24.0719.

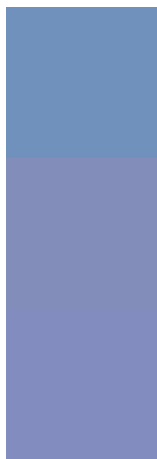


This preview shows how white text looks on a background with the YUV color 140.4480, 23.9361, -24.0719.

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

140.4480, 23.9361, -24.0719

Protanopia

142.8410, 21.2774, -11.2616

Deuteranopia

142.7100, 23.3140, -11.1467



Tritanopia

138.2120, 11.7275, -28.2499

Trichromacy



Original Color

140.4480, 23.9361, -24.0719

Protanomaly

141.7480, 22.3092, -15.5650

Deuteranomaly

142.0900, 23.6196, -15.8649

Tritanomaly

139.0750, 16.2320, -26.3758

Monochromacy



Original Color

140.4480, 23.9361, -24.0719

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.2360, 8.7577, -8.9770

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.4480, 23.9361, -24.0719 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(113, 145, 189)` looks like.

```
.text, #text, p{  
    color:rgb(113, 145, 189)  
}
```

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(113, 145, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 145, 189) }
```

Border

The CSS property to change the border of an element to YUV 140.4480, 23.9361, -24.0719 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(113, 145, 189) }
```


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

```
.border{ border-color:rgb(113, 145, 189) }
```

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

Here you see how a box with a 4 pixel rgb(113, 145, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 145, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 145, 189);  
box-shadow:4px 4px 4px 4px rgb(113, 145,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 140.4480, 23.9361, -24.0719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 145, 189) }
```

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

```
.background{ background-color: rgb(113,  
145, 189) }
```

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