

Converting Colors

YUV(191.8020, 23.7616,
-14.7354)

Have a look what the booklet for
YUV(191.8020, 23.7616, -14.7354)
contains.

YUV(191.8020, 23.7616, -14.7354)	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(191.8020, 23.7616,
-14.7354)**

Conversions

Conversions Part 1

Format	Color
Hex	AFBFF0
RGB	175, 191, 240
RGB Percent	69%, 75%, 94%
CMY	0.3137, 0.2510, 0.0588
CMYK	0.27, 0.20, 0.00, 0.06
HSL	225°, 68%, 81%
HSV	225°, 27%, 94%
XYZ	52.0382, 52.6668, 89.8611
YIQ	191.8020, -25.2650, 11.8470

Conversions

Conversions Part 2

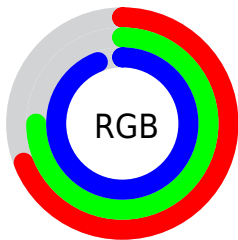
Format	Color
RYB	175, 188, 240
Decimal	11517936
CIELab	77.68, 5.25, -26.09
CIElCh	78, 26.611, 281.389
Yxy	52.6668, 0.2675, 0.2707
Android (android.graphics.Color)	4289708016 (0xFFAFBFF0)
YUV	191.8020, 23.7616, -14.7354
Hunter-Lab	72.5719, 0.9937, -22.6146

Details

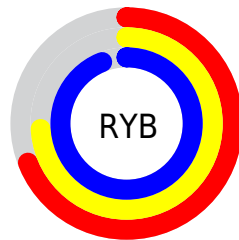
The YUV color **191.8020, 23.7616, -14.7354** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **223.1980, -23.7616, 14.7354**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.4270, 5.7055, -10.0215**, and **138.1610, 22.5986, -15.0502** is the 20% darker color. If you saturate the color by 10%, you get **174.0600, 32.5084, -20.2236**, and if you desaturate by 10%, it is **209.5440, 15.0148, -9.2471**.

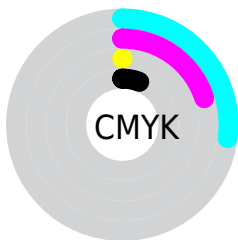
Distribution



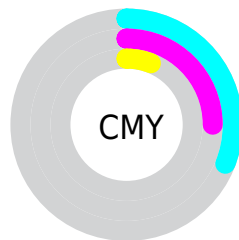
- Red (69%)
- Green (75%)
- Blue (94%)



- Red (69%)
- Yellow (74%)
- Blue (94%)



- Cyan (27%)
- Magenta (20%)
- Yellow (0%)
- Black (6%)



- Cyan (31%)
- Magenta (25%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.8020, 23.7616, -14.7354 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 191.8020, 23.7616, -14.7354 by changing the saturation by 10% instead.

■ 191.8020, 23.7616,
-14.7354

■ 191.8020, 23.7616,
-14.7354

255.0000, 0.0000,
0.0000

■ 164.6880, 23.3248,
-14.6354

■ 243.4270, 5.7055,
-10.0215

■ 138.1610, 22.5986,
-15.0502

■ 112.0470, 22.1618,
-14.9502

■ 87.5200, 21.4356,
-15.3650

■ 63.5800, 20.4201,
-16.2947

■ 39.5580, 20.4309,
-19.7834

■ 20.1130, 18.6783,

-17.6391

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 191.8020, 23.7616,
-14.7354

■ 191.8020, 23.7616,
-14.7354

■ 174.0600, 32.5084,
-20.2236

■ 209.5440, 15.0148,
-9.2471

■ 156.3180, 41.2552,
-25.7119

■ 227.2860, 6.2680,
-3.7588

■ 138.5760, 50.0020,
-31.2002

■ 245.0280, -2.4788,
1.7294

■ 120.8340, 58.7488,
-36.6884

■ 253.2900, -6.5520,
1.4997

■ 103.0920, 67.4956,
-42.1767

■ 84.7630, 76.5318,
-47.1502

■ 67.0210, 85.2786,
-52.6384

■ 61.9930, 87.7575,
-54.3679

Harmonies

Analogous

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



186.4030, 25.4373, -38.9414



191.8020, 23.7616, -14.7354



195.1320, 16.6969, 11.2852

Triad

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



191.8020, 23.7616, -14.7354



194.1870, -16.8542, 39.3010



183.6400, -4.2595, -33.8873

Complementary

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



191.8020, 23.7616, -14.7354



223.1980, -23.7616, 14.7354

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.



186.6830, -16.1127, -12.0000



191.8020, 23.7616, -14.7354



192.2150, -22.7840, 27.8754

Square

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



191.8020, 23.7616, -14.7354



195.3580, -6.0925, 40.9050



189.6920, -23.0192, 9.9171



180.9120, 9.9034, -49.9118

Rectangle

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



191.8020, 23.7616, -14.7354



196.3850, 9.6702, 25.0954



189.6920, -23.0192, 9.9171



184.9460, -8.3544, -27.1396

Sweetspot

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



191.8020, 23.7616, -14.7354



240.2150, 7.2890, -4.5736



218.7410, 2.5927, -38.3609



118.2430, 4.8102, -2.8441



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.



191.8020, 23.7616, -14.7354



192.9030, 30.6138, -19.2089



187.1940, 26.0334, 3.3379



111.1290, 4.3734, -2.7441



47.3910, 67.3482, -41.5619



14.6020, 20.4092, -12.8060

Inverse Universe

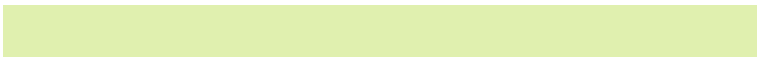
The Inverse Universe completely reimagines the original color for something new.



196.2590, -2.5927, 38.3609



198.5100, -3.2094, 49.5417



227.8060, -26.0334, -3.3379



111.9300, -0.4585, 7.0774



60.1460, -7.4670, 108.6200



18.3400, -2.1396, 33.0278

Previews

White Background



This preview shows how the YUV color 191.8020, 23.7616, -14.7354 looks on a white background.

Color Contrast Check

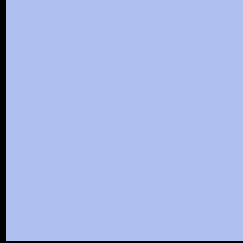
Large Text (above 18pt) WCAG AA × Fail

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 191.8020, 23.7616, -14.7354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

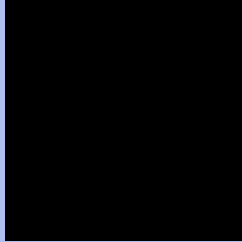
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.8020, 23.7616, -14.7354 Background



This preview shows how black text looks on a background with the YUV color 191.8020, 23.7616, -14.7354.



This preview shows how white text looks on a background with the YUV color 191.8020, 23.7616, -14.7354.

-14.7354.

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

191.8020, 23.7616, -14.7354

Protanopia

192.5960, 22.8772, -11.0467

Deuteranopia

193.1450, 23.5925, -7.1432



Tritanopia

189.7510, 10.9688, -18.1986

Trichromacy



Original Color

191.8020, 23.7616, -14.7354

Protanomaly

191.9980, 23.1720, -12.2762

Deuteranomaly

192.5360, 23.8928, -10.1171

Tritanomaly

190.3150, 15.6207, -16.9393

Monochromacy



Original Color

191.8020, 23.7616, -14.7354

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.1440, 8.3100, -5.3883

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.8020, 23.7616, -14.7354 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(175, 191, 240)` looks like.

```
.text, #text, p{  
    color:rgb(175, 191, 240)  
}
```

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(175, 191, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 191, 240) }
```

Border

The CSS property to change the border of an element to YUV 191.8020, 23.7616, -14.7354 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(175, 191, 240) }
```


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

```
.border{ border-color:rgb(175, 191, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 191, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 191, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 191, 240);  
box-shadow:4px 4px 4px 4px rgb(175, 191,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 191.8020, 23.7616, -14.7354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 191, 240) }
```

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

```
.background{ background-color: rgb(175,  
191, 240) }
```

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