

Converting Colors

YUV(151.2440, 20.0927,
-4.5990)

Have a look what the booklet for
YUV(151.2440, 20.0927, -4.5990)
contains.

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Color

**YUV(151.2440, 20.0927,
-4.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	9292C0
RGB	146, 146, 192
RGB Percent	57%, 57%, 75%
CMY	0.4275, 0.4275, 0.2471
CMYK	0.24, 0.24, 0.00, 0.25
HSL	240°, 27%, 66%
HSV	240°, 24%, 75%
XYZ	31.6474, 30.4745, 54.0833
YIQ	151.2440, -14.7660, 14.3060

Conversions

Conversions Part 2

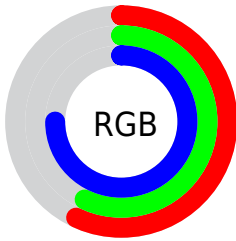
Format	Color
R_{YB}	146, 146, 192
Decimal	9605824
CIE _{Lab}	62.06, 10.08, -23.80
CIE _{LCh}	62, 25.849, 292.954
Yxy	30.4745, 0.2723, 0.2622
Android (android.graphics.Color)	4287795904 (0xFF9292C0)
YUV	151.2440, 20.0927, -4.5990
Hunter-Lab	55.2037, 5.7245, -19.4441

Details

The YUV color $151.2440, 20.0927, -4.5990$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $186.7560, -20.0927, 4.5990$, and the grayscale version is $151.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $205.8850, 21.2557, -4.2841$, and $100.1900, 18.6403, -5.4286$ is the 20% darker color. If you saturate the color by 10%, you get $134.4100, 28.3919, -6.4986$, and if you desaturate by 10%, it is $168.0780, 11.7935, -2.6994$.

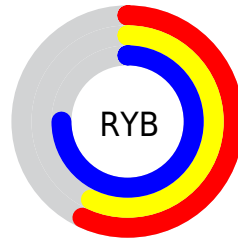
Distribution



Red (57%)

Green (57%)

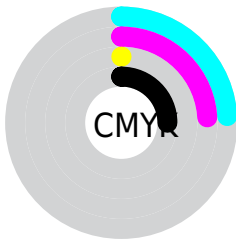
Blue (75%)



Red (57%)

Yellow (57%)

Blue (75%)

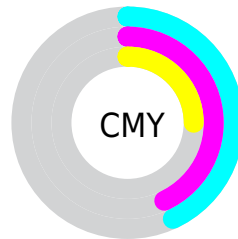


Cyan (24%)

Magenta (24%)

Yellow (0%)

Black (25%)



Cyan (43%)

Magenta (43%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.2440, 20.0927, -4.5990 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 151.2440, 20.0927, -4.5990 by changing the saturation by 10% instead.

■ 151.2440, 20.0927,
-4.5990

■ 151.2440, 20.0927,
-4.5990

255.0000, 0.0000,
0.0000

■ 125.1300, 19.6559,
-4.4990

■ 205.8850, 21.2557,
-4.2841

■ 100.1900, 18.6403,
-5.4286

■ 231.3770, 11.6461,
-2.0846

■ 76.0760, 18.2035,
-5.3287

■ 53.1360, 17.1880,
-6.2583

■ 31.0110, 16.7566,
-7.9026

■ 6.3750, 18.0561,
-4.7139

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 151.2440, 20.0927,
-4.5990

■ 151.2440, 20.0927,
-4.5990

■ 134.4100, 28.3919,
-6.4986

■ 168.0780, 11.7935,
-2.6994

■ 117.5760, 36.6910,
-8.3982

■ 184.9120, 3.4944,
-0.7998

■ 99.8560, 45.4270,
-10.3977

■ 202.6320, -5.2416,
1.1997

■ 83.0220, 53.7262,
-12.2973

■ 219.4660,
-13.5407, 3.0993

■ 66.1880, 62.0253,
-14.1969

■ 236.3000,
-21.8399, 4.9989

■ 49.3540, 70.3245,
-16.0965

■ 247.8180,
-27.5183, 6.2986

■ 32.5200, 78.6236,
-17.9960

■ 21.8880, 83.8652,
-19.1958

Harmonies

Analogous

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



146.4150, 23.9524, -29.3050



151.2440, 20.0927, -4.5990



153.3240, 12.1653, 18.1329

Triad

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



151.2440, 20.0927, -4.5990



151.1000, -18.2903, 33.2383



140.2140, 1.8665, -38.7757

Complementary

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



151.2440, 20.0927, -4.5990



186.7560, -20.0927, 4.5990

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.



143.7190, -10.7075, -19.0476



151.2440, 20.0927, -4.5990



149.3880, -21.8833, 18.9537

Square

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



151.2440, 20.0927, -4.5990



152.4240, -9.5760, 38.2162



146.8480, -19.6451, 1.0103



138.0520, 14.2714, -50.9116

Rectangle

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



151.2440, 20.0927, -4.5990



153.8540, 5.0020, 29.0690



146.8480, -19.6451, 1.0103



141.6940, -2.8071, -33.0576

Sweetspot

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



151.2440, 20.0927, -4.5990



234.0520, 7.8624, -1.7996



178.2460, 6.7807, -28.2797



116.1400, 4.3680, -0.9998



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



151.2440, 20.0927, -4.5990



185.3220, 31.8863, -7.2984



158.1210, 16.7023, 9.5409



88.1400, 4.3680, -0.9998



18.3540, 70.3245, -16.0965



3.7620, 14.4143, -3.2993

Inverse Universe

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



164.9980, 13.3120, 23.6808



207.1490, 21.1255, 37.5803



179.8790, -16.7023, -9.5409



91.1300, 2.8939, 5.1480



66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 151.2440, 20.0927, -4.5990 looks on a white background.

Color Contrast Check

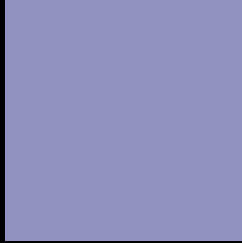
Large Text (above 18pt) WCAG AA × Fail

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 151.2440, 20.0927, -4.5990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

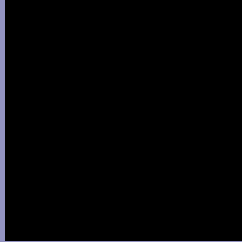
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.2440, 20.0927, -4.5990

Background



This preview shows how black text looks on a background with the YUV color 151.2440, 20.0927, -4.5990.



This preview shows how white text looks on a background with the YUV color 151.2440, 20.0927, -4.5990.

-4.5990.

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

151.2440, 20.0927, -4.5990

Protanopia

150.2540, 21.5668, -10.7468

Deuteranopia

150.6350, 20.3929, -7.5729



Tritanopia

149.0790, 6.8631, -7.9623

Trichromacy



Original Color

151.2440, 20.0927, -4.5990

Protanomaly

150.4500, 20.9771, -8.2877

Deuteranomaly

150.9340, 20.2455, -6.9581

Tritanomaly

149.7570, 11.9518, -6.8029

Monochromacy



Original Color

151.2440, 20.0927, -4.5990

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.9380, 7.4256, -1.6996

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.2440, 20.0927, -4.5990 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(146, 146, 192)` looks like.

```
.text, #text, p{  
    color:rgb(146, 146, 192)  
}
```

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(146, 146, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 146, 192) }
```

Border

The CSS property to change the border of an element to YUV 151.2440, 20.0927, -4.5990 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(146, 146, 192) }
```


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

```
.border{ border-color:rgb(146, 146, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 146, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 146, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 146, 192);  
box-shadow:4px 4px 4px 4px rgb(146, 146,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 151.2440, 20.0927, -4.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 146, 192) }
```

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

```
.background{ background-color: rgb(146,  
146, 192) }
```

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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