

Converting Colors

YUV(91.2000, 20.1144,
-11.5764)

Have a look what the booklet for
YUV(91.2000, 20.1144, -11.5764)
contains.

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Color

**YUV(91.2000, 20.1144,
-11.5764)**

Conversions

Conversions Part 1

Format	Color
Hex	4E5A84
RGB	78, 90, 132
RGB Percent	31%, 35%, 52%
CMY	0.6941, 0.6471, 0.4824
CMYK	0.41, 0.32, 0.00, 0.48
HSL	227°, 26%, 41%
HSV	227°, 41%, 52%
XYZ	10.9629, 10.5980, 23.2976
YIQ	91.2000, -20.6340, 10.5180

Conversions

Conversions Part 2

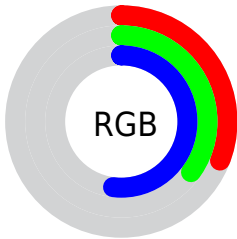
Format	Color
R_{YB}	78, 88, 132
Decimal	5134980
CIE _{Lab}	38.89, 6.77, -24.98
CIE _{LCh}	39, 25.878, 285.170
Yxy	10.5980, 0.2444, 0.2363
Android (android.graphics.Color)	4283325060 (0xFF4E5A84)
YUV	91.2000, 20.1144, -11.5764
Hunter-Lab	32.5545, 3.1404, -19.6426

Details

The YUV color **91.2000, 20.1144, -11.5764** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **118.8000, -20.1144, 11.5764**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8410, 21.2774, -11.2616**, and **44.4340, 18.5200, -13.5356** is the 20% darker color. If you saturate the color by 10%, you get **81.4430, 24.9246, -14.4205**, and if you desaturate by 10%, it is **100.9570, 15.3042, -8.7323**.

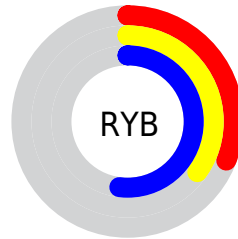
Distribution



Red (31%)

Green (35%)

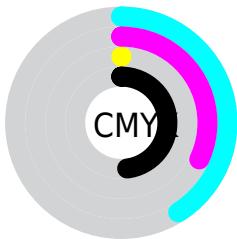
Blue (52%)



Red (31%)

Yellow (35%)

Blue (52%)

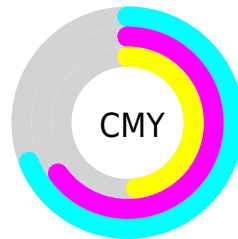


Cyan (41%)

Magenta (32%)

Yellow (0%)

Black (48%)



Cyan (69%)

Magenta (65%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.2000, 20.1144, -11.5764 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 91.2000, 20.1144, -11.5764 by changing the saturation by 10% instead.

■ 91.2000, 20.1144,
-11.5764

■ 91.2000, 20.1144,
-11.5764

■ 255.0000, 0.0000,
0.0000

■ 67.3740, 19.5356,
-12.6060

■ 141.8410, 21.2774,
-11.2616

■ 44.4340, 18.5200,
-13.5356

■ 168.3680, 22.0036,
-10.8467

■ 20.8140, 18.8257,
-18.2539

■ 195.4820, 22.4404,
-10.9467

■ 4.8050, 15.8721,
-4.2140

■ 221.8860, 16.3252,
-9.5470

■ 2.1830, 5.8258,
-1.9145

■ 247.5800, 3.6581,
-6.6477

■ 0.0000, 0.0000,
0.0000

■ 91.2000, 20.1144,
-11.5764

■ 91.2000, 20.1144,
-11.5764

■ 81.4430, 24.9246,
-14.4205

■ 100.9570, 15.3042,
-8.7323

■ 71.0990, 30.0242,
-16.7498

■ 111.3010, 10.2046,
-6.4030

■ 61.0430, 34.9818,
-20.2087

■ 121.3570, 5.2470,
-2.9441

■ 51.2860, 39.7920,
-23.0528

■ 131.1140, 0.4368,
-0.1000

■ 41.5290, 44.6022,
-25.8969

■ 140.8710, -4.3734,
2.7441


■ 32.0710, 49.2650,
-28.1263

■ 151.2150, -9.4730,
5.0734

■ 160.9720,
-14.2832, 7.9176

■ 171.0280,

-19.2408, 11.3764

 180.7850,
-24.0510, 14.2206

Harmonies

Analogous

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



83.6480, 23.8375, -39.1563



91.2000, 20.1144, -11.5764



93.9210, 13.3499, 11.4703

Triad

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



91.2000, 20.1144, -11.5764



92.4140, -14.5011, 31.2089



81.8510, -0.9125, -34.0723

Complementary

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



91.2000, 20.1144, -11.5764



118.8000, -20.1144, 11.5764

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.



86.2960, -12.4709, -13.4146



91.2000, 20.1144, -11.5764



90.9690, -19.7047, 20.1982

Square

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



91.2000, 20.1144, -11.5764



92.8410, -5.3446, 34.3424



89.2830, -19.3665, 5.0138



72.0890, 14.7461, -63.2221

Rectangle

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



91.2000, 20.1144, -11.5764



94.5050, 7.6390, 23.2361



89.2830, -19.3665, 5.0138



83.4560, -5.1548, -26.7099

Sweetspot

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



91.2000, 20.1144, -11.5764



155.3290, 7.7258, -4.6735



114.3720, 2.2816, -31.8982



77.5420, 4.6628, -2.2293



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



91.2000, 20.1144, -11.5764



107.7290, 31.1926, -18.1793



88.3420, 21.5234, 3.2081



61.2710, 2.3314, -1.1147



31.8430, 48.3914, -27.9263



0.9290, 1.0210, -0.8147

Inverse Universe

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



95.5140, -2.7184, 31.9982



114.2820, -4.0830, 49.7417



121.6580, -21.5234, -3.2081



61.9080, -0.4476, 3.5887



42.1760, -6.4958, 77.0216



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 91.2000, 20.1144, -11.5764 looks on a white background.

Color Contrast Check

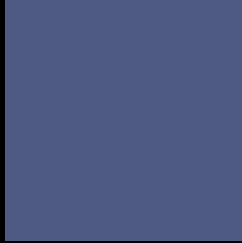
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.2000, 20.1144, -11.5764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

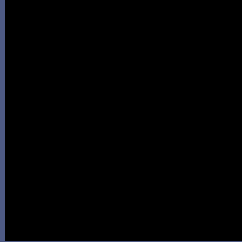
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.2000, 20.1144, -11.5764

Background



This preview shows how black text looks on a background with the YUV color 91.2000, 20.1144, -11.5764.



This preview shows how white text looks on a background with the YUV color 91.2000, 20.1144,

-11.5764.

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

91.2000, 20.1144, -11.5764

Protanopia

91.2000, 20.1144, -11.5764

Deuteranopia

91.1890, 20.1198, -13.3208



Tritanopia

89.3230, 6.7428, -16.0693

Trichromacy



Original Color

91.2000, 20.1144, -11.5764

Protanomaly

91.2000, 20.1144, -11.5764

Deuteranomaly

91.4880, 19.9724, -12.7060

Tritanomaly

90.3000, 11.6841, -14.2951

Monochromacy



Original Color

91.2000, 20.1144, -11.5764

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.2150, 7.2890, -4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.2000, 20.1144, -11.5764 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(78, 90, 132)` looks like.

```
.text, #text, p{  
    color:rgb(78, 90, 132)  
}
```

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(78, 90, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 90, 132) }
```

Border

The CSS property to change the border of an element to YUV 91.2000, 20.1144, -11.5764 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(78, 90, 132) }
```


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

```
.border{ border-color:rgb(78, 90, 132) }
```

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

Here you see how a box with a 4 pixel rgb(78, 90, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 90, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 90, 132);  
box-shadow:4px 4px 4px 4px rgb(78, 90,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 91.2000, 20.1144, -11.5764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 90, 132) }
```

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

```
.background{ background-color: rgb(78, 90,  
132) }
```

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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