

Converting Colors

YUV(93.7270, 20.8406,
-11.1616)

Have a look what the booklet for
YUV(93.7270, 20.8406, -11.1616)
contains.

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Color

**YUV(93.7270, 20.8406,
-11.1616)**

Conversions

Conversions Part 1

Format	Color
Hex	515C88
RGB	81, 92, 136
RGB Percent	32%, 36%, 53%
CMY	0.6824, 0.6392, 0.4667
CMYK	0.40, 0.32, 0.00, 0.47
HSL	228°, 25%, 43%
HSV	228°, 40%, 53%
XYZ	11.6644, 11.1812, 24.8360
YIQ	93.7270, -20.6800, 11.3520

Conversions

Conversions Part 2

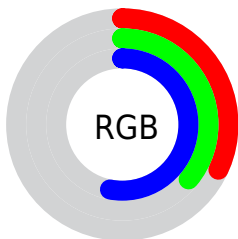
Format	Color
R_{YB}	81, 90, 136
Decimal	5332104
CIE Lab	39.88, 7.59, -25.85
CIE LCh	40, 26.940, 286.371
Yxy	11.1812, 0.2446, 0.2345
Android (android.graphics.Color)	4283522184 (0xFF515C88)
YUV	93.7270, 20.8406, -11.1616
Hunter-Lab	33.4383, 3.7499, -20.6302

Details

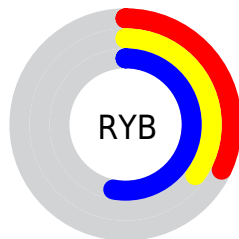
The YUV color **93.7270, 20.8406, -11.1616** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **123.2730, -20.8406, 11.1616**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.4820, 22.4404, -10.9467**, and **46.0750, 19.6830, -13.2208** is the 20% darker color. If you saturate the color by 10%, you get **83.0840, 26.0876, -14.1057**, and if you desaturate by 10%, it is **104.3700, 15.5936, -8.2175**.

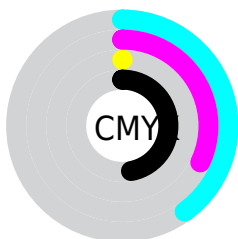
Distribution



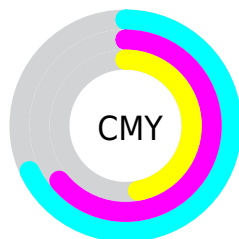
- Red (32%)
- Green (36%)
- Blue (53%)



- Red (32%)
- Yellow (35%)
- Blue (53%)



- Cyan (40%)
- Magenta (32%)
- Yellow (0%)
- Black (47%)



- Cyan (68%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.7270, 20.8406, -11.1616 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 93.7270, 20.8406, -11.1616 by changing the saturation by 10% instead.

■ 93.7270, 20.8406,
-11.1616

■ 93.7270, 20.8406,
-11.1616

■ 255.0000, 0.0000,
0.0000

■ 69.7870, 19.8250,
-12.0912

■ 144.4820, 22.4404,
-10.9467

■ 46.0750, 19.6830,
-13.2208

■ 170.8950, 22.7298,
-10.4319

■ 23.2270, 19.1151,
-17.7391

■ 199.0090, 23.1666,
-10.5319

■ 4.6740, 17.9087,
-4.0991

■ 224.8430, 14.8674,
-8.6323

■ 2.6390, 7.5730,
-2.3144

■ 249.9500, 2.4897,
-5.2181

■ 0.0000, 0.0000,
0.0000

■ 93.7270, 20.8406,
-11.1616

■ 93.7270, 20.8406,
-11.1616

■ 83.0840, 26.0876,
-14.1057

■ 104.3700, 15.5936,
-8.2175

■ 72.7400, 31.1872,
-16.4350

■ 114.7140, 10.4940,
-5.8882

■ 62.0970, 36.4342,
-19.3791

■ 125.3570, 5.2470,
-2.9441

■ 51.7530, 41.5338,
-21.7084

■ 135.7010, 0.1474,
-0.6148

■ 41.6970, 46.4914,
-25.1673

■ 145.7570, -4.8102,
2.8441

■ 31.3530, 51.5910,
-27.4966

■ 156.4000,
-10.0572, 5.7882

■ 166.7440,
-15.1568, 8.1175

■ 177.3870,

-20.4038, 11.0616

■ 187.7310,
-25.5034, 13.3909

Harmonies

Analogous

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



85.5770, 24.8585, -39.9710



93.7270, 20.8406, -11.1616



96.6330, 13.4919, 12.5999

Triad

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



93.7270, 20.8406, -11.1616



94.4850, -15.5221, 32.0237



83.3560, -0.1755, -37.1462

Complementary

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



93.7270, 20.8406, -11.1616



123.2730, -20.8406, 11.1616

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.



88.2850, -12.4655, -15.1589



93.7270, 20.8406, -11.1616



93.0400, -20.7257, 21.0129

Square

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



93.7270, 20.8406, -11.1616



95.6240, -6.2236, 36.2868



90.8700, -19.6559, 4.4990



74.3060, 15.6251, -65.1664

Rectangle

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



93.7270, 20.8406, -11.1616



96.5160, 7.6336, 24.9805



90.8700, -19.6559, 4.4990



85.2600, -4.5652, -29.1690

Sweetspot

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



93.7270, 20.8406, -11.1616



159.7420, 8.0152, -4.1587



118.3010, 3.3026, -32.7130



79.5420, 4.6628, -2.2293



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



93.7270, 20.8406, -11.1616



109.7830, 32.6450, -17.3497



92.0540, 21.6654, 4.3376



63.3850, 2.7682, -1.2146



31.0110, 50.2806, -27.1966



1.1570, 1.8946, -1.0147

Inverse Universe

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



98.6990, -3.3026, 32.7130



117.6520, -5.2514, 51.1712



124.9460, -21.6654, -4.3376



64.2070, -0.5951, 4.2035



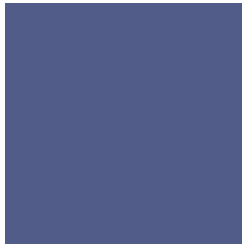
42.8450, -7.8116, 79.0659



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 93.7270, 20.8406, -11.1616 looks on a white background.

Color Contrast Check

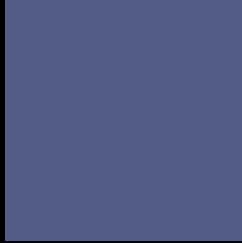
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.7270, 20.8406, -11.1616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

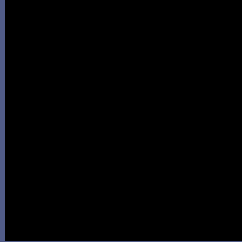
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

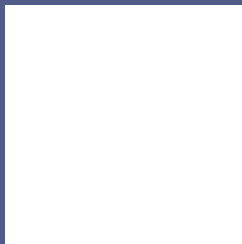
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 93.7270, 20.8406, -11.1616

Background



This preview shows how black text looks on a background with the YUV color 93.7270, 20.8406, -11.1616.



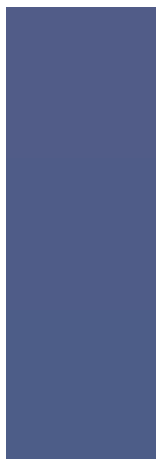
This preview shows how white text looks on a background with the YUV color 93.7270, 20.8406, -11.1616.

-11.1616.

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

93.7270, 20.8406, -11.1616

Protanopia

93.1290, 21.1354, -12.3911

Deuteranopia

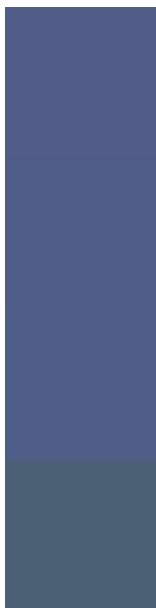
93.1180, 21.1408, -14.1355



Tritanopia

91.4370, 7.1796, -16.1692

Trichromacy



Original Color

93.7270, 20.8406, -11.1616

Protanomaly

93.4280, 20.9880, -11.7764

Deuteranomaly

93.4170, 20.9934, -13.5207

Tritanomaly

92.4140, 12.1209, -14.3951

Monochromacy



Original Color

93.7270, 20.8406, -11.1616

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.6280, 7.5784, -4.0588

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.7270, 20.8406, -11.1616 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(81, 92, 136)` looks like.

```
.text, #text, p{  
    color:rgb(81, 92, 136)  
}
```

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(81, 92, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 92, 136) }
```

Border

The CSS property to change the border of an element to YUV 93.7270, 20.8406, -11.1616 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(81, 92, 136) }
```


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

```
.border{ border-color:rgb(81, 92, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 92, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 92, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 92, 136);  
box-shadow:4px 4px 4px 4px rgb(81, 92,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 93.7270, 20.8406, -11.1616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 92, 136) }
```

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

```
.background{ background-color: rgb(81, 92,  
136) }
```

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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