

Converting Colors

YUV(93.1570, 18.6566,
-10.6617)

Have a look what the booklet for
YUV(93.1570, 18.6566, -10.6617)
contains.

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Color

**YUV(93.1570, 18.6566,
-10.6617)**

Conversions

Conversions Part 1

Format	Color
Hex	515C83
RGB	81, 92, 131
RGB Percent	32%, 36%, 51%
CMY	0.6824, 0.6392, 0.4863
CMYK	0.38, 0.30, 0.00, 0.49
HSL	227°, 24%, 42%
HSV	227°, 38%, 51%
XYZ	11.3172, 11.0423, 23.0076
YIQ	93.1570, -19.0750, 9.7970

Conversions

Conversions Part 2

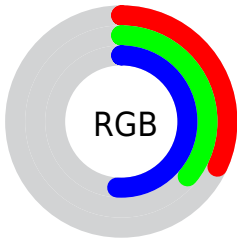
Format	Color
R_{YB}	81, 90, 131
Decimal	5332099
CIE Lab	39.65, 6.10, -23.17
CIE LCh	40, 23.964, 284.758
Yxy	11.0423, 0.2495, 0.2434
Android (android.graphics.Color)	4283522179 (0xFF515C83)
YUV	93.1570, 18.6566, -10.6617
Hunter-Lab	33.2300, 2.6397, -17.7900

Details

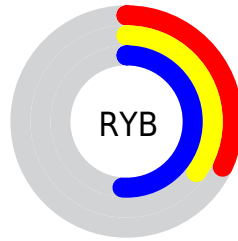
The YUV color **93.1570, 18.6566, -10.6617** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **118.8430, -18.6566, 10.6617**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.7980, 19.8196, -10.3468**, and **45.8040, 17.3516, -12.1061** is the 20% darker color. If you saturate the color by 10%, you get **83.4000, 23.4668, -13.5058**, and if you desaturate by 10%, it is **102.9140, 13.8464, -7.8176**.

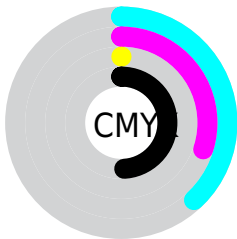
Distribution



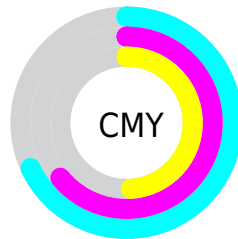
- Red (32%)
- Green (36%)
- Blue (51%)



- Red (32%)
- Yellow (35%)
- Blue (51%)



- Cyan (38%)
- Magenta (30%)
- Yellow (0%)
- Black (49%)



- Cyan (68%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.1570, 18.6566, -10.6617 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 93.1570, 18.6566, -10.6617 by changing the saturation by 10% instead.

■ 93.1570, 18.6566,
-10.6617

■ 93.1570, 18.6566,
-10.6617

■ 255.0000, 0.0000,
0.0000

■ 69.6300, 17.9304,
-11.0765

■ 143.7980, 19.8196,
-10.3468

■ 45.8040, 17.3516,
-12.1061

■ 170.3250, 20.5458,
-9.9320

■ 23.6680, 16.9257,
-15.4948

■ 198.0260, 20.6932,
-10.5468

■ 4.2180, 16.1615,
-3.6992

■ 224.5440, 15.0148,
-9.2471

■ 2.0690, 5.3890,
-1.8145

■ 249.6510, 2.6371,
-5.8329

■ 0.0000, 0.0000,
0.0000

■ 93.1570, 18.6566,
-10.6617

■ 93.1570, 18.6566,
-10.6617

■ 83.4000, 23.4668,
-13.5058

■ 102.9140, 13.8464,
-7.8176

■ 73.6430, 28.2770,
-16.3499

■ 112.6710, 9.0362,
-4.9735

■ 63.2990, 33.3766,
-18.6792

■ 123.0150, 3.9366,
-2.6442

■ 53.5420, 38.1868,
-21.5233

■ 132.7720, -0.8736,
0.2000

■ 43.7850, 42.9970,
-24.3674

■ 142.8280, -5.8312,
3.6588

■ 33.7290, 47.9546,
-27.8263

■ 152.5850,
-10.6414, 6.5030

■ 31.9570, 48.8282,
-28.0263

■ 162.9290,
-15.7410, 8.8323

■ 172.6860,

-20.5512, 11.6764

■ 182.4430,
-25.3614, 14.5205

Harmonies

Analogous

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



86.8120, 21.7847, -34.0381



93.1570, 18.6566, -10.6617



95.9810, 12.3344, 10.5407

Triad

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



93.1570, 18.6566, -10.6617



94.0440, -13.3327, 29.7794



84.8730, -0.9234, -30.5836

Complementary

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



93.1570, 18.6566, -10.6617



118.8430, -18.6566, 10.6617

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.



88.5350, -11.6028, -11.8702



93.1570, 18.6566, -10.6617



93.0120, -18.2469, 19.2835

Square

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



93.1570, 18.6566, -10.6617



94.8300, -5.3392, 32.5981



91.0380, -17.7667, 5.2287



79.9660, 11.3558, -49.0822

Rectangle

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



93.1570, 18.6566, -10.6617



96.2660, 6.7709, 21.6917



91.0380, -17.7667, 5.2287



86.1790, -5.0182, -23.8360

Sweetspot

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



93.1570, 18.6566, -10.6617



156.5140, 7.1416, -3.9588



114.6820, 2.1288, -29.5391



78.1290, 4.3734, -2.7441



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.



93.1570, 18.6566, -10.6617



111.5720, 29.2980, -17.1646



90.5870, 19.9236, 2.9932



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.



97.2040, -2.5656, 29.6391



117.6730, -3.7828, 46.7678



121.4130, -19.9236, -2.9932



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 93.1570, 18.6566, -10.6617 looks on a white background.

Color Contrast Check

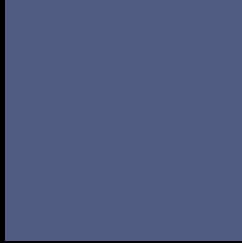
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.1570, 18.6566, -10.6617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

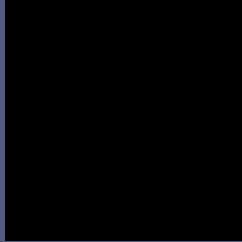
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

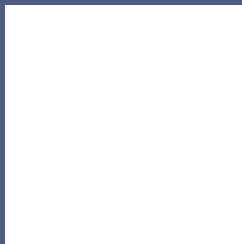
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 93.1570, 18.6566, -10.6617

Background



This preview shows how black text looks on a background with the YUV color 93.1570, 18.6566, -10.6617.



This preview shows how white text looks on a background with the YUV color 93.1570, 18.6566,

-10.6617.

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

93.1570, 18.6566, -10.6617

Protanopia

93.1570, 18.6566, -10.6617

Deuteranopia

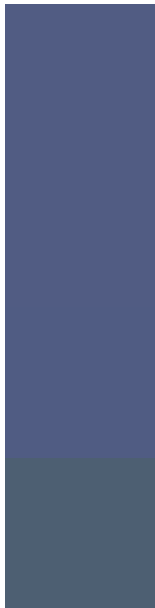
92.8580, 18.8040, -11.2765



Tritanopia

91.3340, 6.7373, -14.3249

Trichromacy



Original Color

93.1570, 18.6566, -10.6617

Protanomaly

93.1570, 18.6566, -10.6617

Deuteranomaly

92.8580, 18.8040, -11.2765

Tritanomaly

91.7840, 10.9525, -12.9656

Monochromacy



Original Color

93.1570, 18.6566, -10.6617

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.4000, 6.7048, -3.8588

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.1570, 18.6566, -10.6617 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(81, 92, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 92, 131) }
```

Border

The CSS property to change the border of an element to YUV 93.1570, 18.6566, -10.6617 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, 131) }
```


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

```
.border{ border-color:rgb(81, 92, 131) }
```

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, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 92, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 92, 131);  
box-shadow:4px 4px 4px 4px rgb(81, 92,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 93.1570, 18.6566, -10.6617 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, 131) }
```

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

```
.background{ background-color: rgb(81, 92,  
131) }
```

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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