

Converting Colors

YUV(93.4260, 50.5690,
-73.1646)

Have a look what the booklet for
YUV(93.4260, 50.5690, -73.1646)
contains.

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Color

**YUV(93.4260, 50.5690,
-73.1646)**

Conversions

Conversions Part 1

Format	Color
Hex	0A74C4
RGB	10, 116, 196
RGB Percent	4%, 45%, 77%
CMY	0.9608, 0.5451, 0.2314
CMYK	0.95, 0.41, 0.00, 0.23
HSL	206°, 90%, 40%
HSV	206°, 95%, 77%
XYZ	16.3344, 16.5408, 54.5563
YIQ	93.4260, -88.8560, 2.4080

Conversions

Conversions Part 2

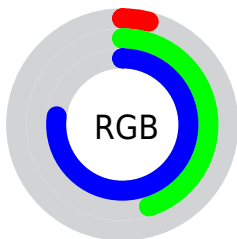
Format	Color
R _Y B	10, 78, 196
Decimal	685252
CIE Lab	47.68, 3.52, -49.07
CIE LCh	48, 49.191, 274.104
Yxy	16.5408, 0.1868, 0.1892
Android (android.graphics.Color)	4278875332 (0xFF0A74C4)
YUV	93.4260, 50.5690, -73.1646
Hunter-Lab	40.6704, 0.5173, -51.0638

Details

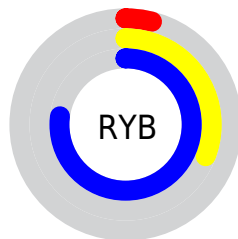
The YUV color **93.4260, 50.5690, -73.1646** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **112.5740, -50.5690, 73.1646**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.7600, 47.4463, -51.5325**, and **56.6910, 42.0573, -49.7180** is the 20% darker color. If you saturate the color by 10%, you get **88.0880, 53.2006, -77.2532**, and if you desaturate by 10%, it is **104.1020, 45.3057, -64.9875**.

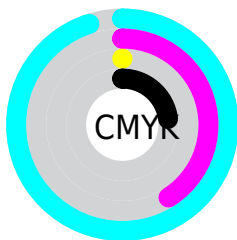
Distribution



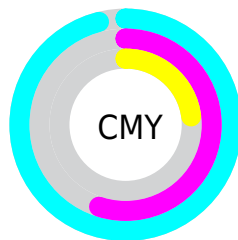
- Red (4%)
- Green (45%)
- Blue (77%)



- Red (4%)
- Yellow (31%)
- Blue (77%)



- Cyan (95%)
- Magenta (41%)
- Yellow (0%)
- Black (23%)



- Cyan (96%)
- Magenta (55%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.4260, 50.5690, -73.1646 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 93.4260, 50.5690, -73.1646 by changing the saturation by 10% instead.

■ 93.4260, 50.5690,
-73.1646

■ 93.4260, 50.5690,
-73.1646

■ 255.0000, 0.0000,
0.0000

■ 73.1560, 46.7581,
-64.1578

■ 156.7600, 47.4463,
-51.5325

■ 56.6910, 42.0573,
-49.7180

■ 182.4050, 35.7893,
-45.9592

■ 40.8130, 37.0672,
-35.7930

■ 207.2240, 23.5536,
-41.4154

■ 26.6960, 31.2089,
-23.4124

■ 233.2170, 10.7390,
-37.9013

■ 11.6330, 26.8029,
-10.2021

■ 244.8340, 5.0118,
-20.9024

■ 6.6630, 17.9141,
-5.8435

■ 253.8040, 0.5896,

■ 3.0950, 9.3202,

-2.4591

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 93.4260, 50.5690,
-73.1646

■ 93.4260, 50.5690,
-73.1646

■ 88.0880, 53.2006,
-77.2532

■ 104.1020, 45.3057,
-64.9875

■ 115.0660, 39.9005,
-57.9399

■ 125.7420, 34.6372,
-49.7627

■ 136.7060, 29.2319,
-42.7152

■ 147.3820, 23.9687,
-34.5380

■ 158.6450, 18.4160,
-26.8757

■ 169.0220, 13.3002,
-19.3133

■ 179.6980, 8.0369,
-11.1361

■ 190.6620, 2.6316,
-4.0886

Harmonies

Analogous

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



95.8670, 44.9286, -84.0754



93.4260, 50.5690, -73.1646



115.9260, 32.5745, 5.3269

Triad

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



93.4260, 50.5690, -73.1646



110.4290, -20.4245, 64.5218



84.8600, -4.8610, -74.4222

Complementary

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



93.4260, 50.5690, -73.1646



112.5740, -50.5690, 73.1646

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.



103.2470, -31.6738, -14.2486



93.4260, 50.5690, -73.1646



110.3670, -36.6629, 46.1591

Square

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



93.4260, 50.5690, -73.1646



111.7770, -1.3691, 65.9706



107.1820, -42.9807, 19.1344



91.5230, 13.0532, -80.2657

Rectangle

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



93.4260, 50.5690, -73.1646



116.4690, 22.4468, 33.7917



107.1820, -42.9807, 19.1344



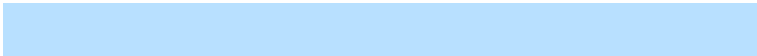
96.8440, -17.1781, -43.7132

Sweetspot

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



93.4260, 50.5690, -73.1646



215.5740, 19.4370, -27.6904



128.0740, -19.7565, -103.5509



103.6910, 11.9843, -17.2690



0.0000, 0.0000, 0.0000



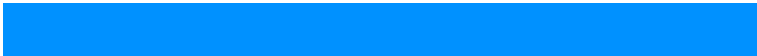
128.0000, 0.0000, 0.0000

Same Dimension

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



93.4260, 50.5690, -73.1646



114.1850, 69.4218, -100.1402



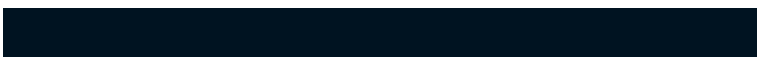
40.0090, 76.9036, -26.3179



91.6620, 2.6316, -4.0886



72.3580, 43.7005, -63.4580



14.9150, 8.9159, -13.0805

Inverse Universe

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



77.6980, 18.8829, 103.7509



92.7750, 25.7469, 142.2713



165.9910, -76.9036, 26.3179



90.6740, 1.1467, 5.5479



58.6270, 16.4529, 89.7811



12.0330, 3.4347, 18.3881

Previews

White Background



This preview shows how the YUV color 93.4260, 50.5690, -73.1646 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 93.4260, 50.5690, -73.1646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

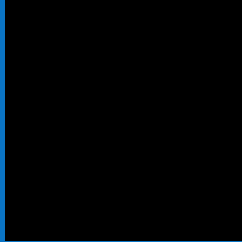
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.4260, 50.5690, -73.1646

Background



This preview shows how black text looks on a background with the YUV color 93.4260, 50.5690, -73.1646.



This preview shows how white text looks on a background with the YUV color 93.4260, 50.5690,

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

93.4260, 50.5690, -73.1646

Protanopia

109.8510, 39.5135, -27.0563

Deuteranopia

102.1190, 46.2833, -51.8474



Tritanopia

88.6510, 22.3571, -77.7469

Trichromacy



Original Color

93.4260, 50.5690, -73.1646

Protanomaly

103.7780, 43.4934, -43.6553

Deuteranomaly

99.1180, 47.7628, -59.7395

Tritanomaly

90.7080, 32.6820, -76.0429

Monochromacy



Original Color

93.4260, 50.5690, -73.1646

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.9440, 18.2686, -26.2609

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.4260, 50.5690, -73.1646 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(10, 116, 196)` looks like.

```
.text, #text, p{  
    color:rgb(10, 116, 196)  
}
```

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(10, 116, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 116, 196) }
```

Border

The CSS property to change the border of an element to YUV 93.4260, 50.5690, -73.1646 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(10, 116, 196) }
```


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

```
.border{ border-color:rgb(10, 116, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 116, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 116, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 116, 196);  
box-shadow:4px 4px 4px 4px rgb(10, 116,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 93.4260, 50.5690, -73.1646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 116, 196) }
```

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

```
.background{ background-color: rgb(10, 116,  
196) }
```

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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