

Converting Colors

YUV(126.3230, 50.1268,
-71.3203)

Have a look what the booklet for
YUV(126.3230, 50.1268, -71.3203)
contains.

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Color

**YUV(126.3230, 50.1268,
-71.3203)**

Conversions

Conversions Part 1

Format	Color
Hex	2D94E4
RGB	45, 148, 228
RGB Percent	18%, 58%, 89%
CMY	0.8235, 0.4196, 0.1059
CMYK	0.80, 0.35, 0.00, 0.11
HSL	206°, 77%, 54%
HSV	206°, 80%, 89%
XYZ	25.6757, 27.3391, 77.3225
YIQ	126.3230, -87.0680, 3.0440

Conversions

Conversions Part 2

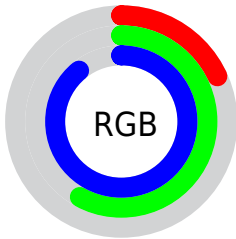
Format	Color
R_{YB}	45, 111, 228
Decimal	2987236
CIE _{Lab}	59.29, -1.29, -48.63
CIE _{LCh}	59, 48.647, 268.477
Yxy	27.3391, 0.1970, 0.2098
Android (android.graphics.Color)	4281177316 (0xFF2D94E4)
YUV	126.3230, 50.1268, -71.3203
Hunter-Lab	52.2868, -3.8487, -51.0781

Details

The YUV color **126.3230, 50.1268, -71.3203** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **146.6770, -50.1268, 71.3203**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.2250, 35.3851, -56.3253**, and **77.1340, 46.7689, -67.6465** is the 20% darker color. If you saturate the color by 10%, you get **113.5760, 56.4110, -80.3122**, and if you desaturate by 10%, it is **139.0700, 43.8425, -62.3284**.

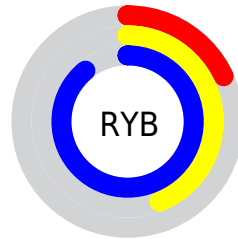
Distribution



Red (18%)

Green (58%)

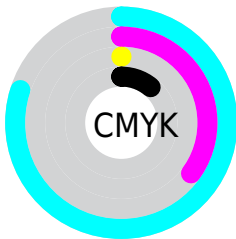
Blue (89%)



Red (18%)

Yellow (44%)

Blue (89%)

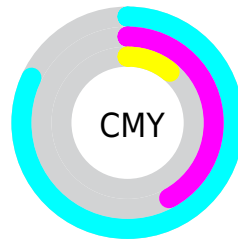


Cyan (80%)

Magenta (35%)

Yellow (0%)

Black (11%)



Cyan (82%)

Magenta (42%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.3230, 50.1268, -71.3203 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 126.3230, 50.1268, -71.3203 by changing the saturation by 10% instead.

■ 126.3230, 50.1268,
-71.3203

■ 126.3230, 50.1268,
-71.3203

■ 255.0000, 0.0000,
0.0000

■ 94.4140, 52.0539,
-82.8011

■ 183.2250, 35.3851,
-56.3253

■ 77.1340, 46.7689,
-67.6465

■ 208.9300, 22.7125,
-51.6816

■ 59.9680, 41.9208,
-52.5919

■ 232.8740, 10.9081,
-45.4935

■ 44.0900, 36.9306,
-38.6669

■ 242.1430, 6.3385,
-26.4354

■ 29.5000, 31.7985,
-25.8715

■ 251.4120, 1.7689,
-7.3773

■ 12.6760, 28.2607,
-11.1169

■ 7.5920, 18.9351,

-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 126.3230, 50.1268,
-71.3203

■ 126.3230, 50.1268,
-71.3203

■ 113.5760, 56.4110,
-80.3122

■ 139.0700, 43.8425,
-62.3284

■ 101.1280, 62.5479,
-88.6893

■ 151.8170, 37.5582,
-53.3365

■ 164.2650, 31.4214,
-44.9594

■ 177.0120, 25.1371,
-35.9675

■ 189.7590, 18.8528,
-26.9756

■ 202.5060, 12.5685,
-17.9838

■ 215.2530, 6.2843,
-8.9919

■ 227.7010, 0.1474,
-0.6148

■ 240.4480, -6.1369,
8.3771

Harmonies

Analogous

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



117.2560, 48.1878, -102.8335



126.3230, 50.1268, -71.3203



144.4950, 36.2380, -3.0651

Triad

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



126.3230, 50.1268, -71.3203



142.2060, -18.8356, 68.2253



125.7940, -14.6884, -48.9313

Complementary

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



126.3230, 50.1268, -71.3203



146.6770, -50.1268, 71.3203

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.



134.1940, -34.6056, -7.1861



126.3230, 50.1268, -71.3203



141.1660, -35.0848, 53.3514

Square

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



126.3230, 50.1268, -71.3203



144.4610, 1.2517, 65.3707



138.7530, -42.2762, 26.5266



112.1140, 13.2548, -98.3240

Rectangle

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



126.3230, 50.1268, -71.3203



147.3480, 25.9574, 27.7588



138.7530, -42.2762, 26.5266



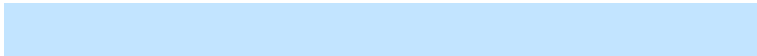
129.8300, -22.5942, -33.1769

Sweetspot

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



126.3230, 50.1268, -71.3203



220.9120, 16.8054, -23.6018



161.4270, -18.4515, -102.1065



106.9580, 10.3737, -13.9952



0.0000, 0.0000, 0.0000



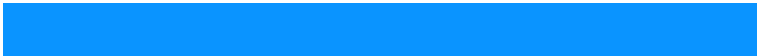
128.0000, 0.0000, 0.0000

Same Dimension

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



126.3230, 50.1268, -71.3203



118.9360, 67.0796, -95.5369



72.9060, 76.4613, -24.4736



108.4770, 3.2158, -4.8033



79.1060, 49.2477, -69.3760



22.8370, 13.8844, -20.0280

Inverse Universe

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



111.4590, 18.0147, 102.2065



98.9870, 24.1634, 136.8234



200.0940, -76.4613, 24.4736



107.3860, 1.2887, 6.6775



64.9210, 17.2939, 100.0473



18.5550, 5.1494, 28.4543

Previews

White Background



This preview shows how the YUV color 126.3230, 50.1268, -71.3203 looks on a white background.

Color Contrast Check

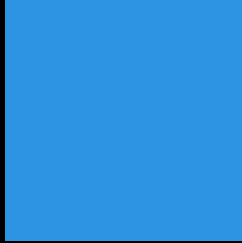
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 126.3230, 50.1268, -71.3203 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 × Fail

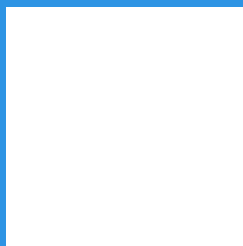
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 126.3230, 50.1268, -71.3203

Background



This preview shows how black text looks on a background with the YUV color 126.3230, 50.1268, -71.3203.



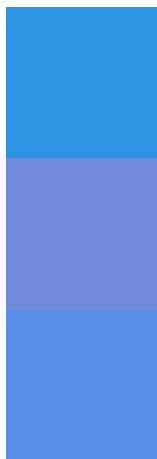
This preview shows how white text looks on a background with the YUV color 126.3230, 50.1268, -71.3203.

-71.3203.

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

126.3230, 50.1268, -71.3203

Protanopia

140.1610, 39.3606, -24.6972

Deuteranopia

136.0710, 45.8140, -41.2813



Tritanopia

112.0120, 28.0951, -98.2345

Trichromacy



Original Color

126.3230, 50.1268, -71.3203

Protanomaly

135.0880, 43.3406, -41.2962

Deuteranomaly

132.4610, 47.5937, -52.1473

Tritanomaly

116.8420, 36.0669, -88.4384

Monochromacy



Original Color

126.3230, 50.1268, -71.3203

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.2430, 18.1212, -25.6461

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.3230, 50.1268, -71.3203 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(45, 148, 228)` looks like.

```
.text, #text, p{  
    color:rgb(45, 148, 228)  
}
```

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(45, 148, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 148, 228) }
```

Border

The CSS property to change the border of an element to YUV 126.3230, 50.1268, -71.3203 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(45, 148, 228) }
```


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

```
.border{ border-color:rgb(45, 148, 228) }
```

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

Here you see how a box with a 4 pixel rgb(45, 148, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 148, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 148, 228);  
box-shadow:4px 4px 4px 4px rgb(45, 148,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 126.3230, 50.1268, -71.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 148, 228) }
```

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

```
.background{ background-color: rgb(45, 148,  
228) }
```

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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