

Converting Colors

YUV(126.1880, 51.6723,
-53.6619)

Have a look what the booklet for
YUV(126.1880, 51.6723, -53.6619)
contains.

YUV(126.1880, 51.6723, -53.6619)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(126.1880, 51.6723,
-53.6619)**

Conversions

Conversions Part 1

Format	Color
Hex	4189E7
RGB	65, 137, 231
RGB Percent	25%, 54%, 91%
CMY	0.7451, 0.4627, 0.0941
CMYK	0.72, 0.41, 0.00, 0.09
HSL	214°, 78%, 58%
HSV	214°, 72%, 91%
XYZ	25.5494, 24.7847, 79.0386
YIQ	126.1880, -73.0860, 13.9700

Conversions

Conversions Part 2

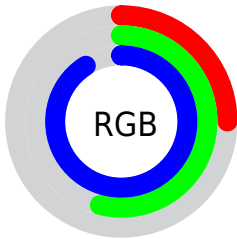
Format	Color
R _Y B	65, 115, 231
Decimal	4295143
CIE Lab	56.87, 8.62, -54.12
CIE LCh	57, 54.797, 279.046
Yxy	24.7847, 0.1975, 0.1916
Android (android.graphics.Color)	4282485223 (0xFF4189E7)
YUV	126.1880, 51.6723, -53.6619
Hunter-Lab	49.7842, 4.4845, -59.2813

Details

The YUV color **126.1880, 51.6723, -53.6619** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **169.8120, -51.6723, 53.6619**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.7690, 37.0889, -42.7704**, and **71.6060, 50.9732, -62.7985** is the 20% darker color. If you saturate the color by 10%, you get **111.6800, 58.8248, -61.1094**, and if you desaturate by 10%, it is **140.6960, 44.5199, -46.2144**.

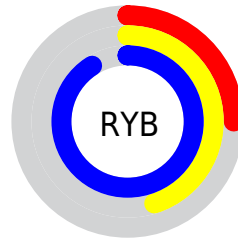
Distribution



Red (25%)

Green (54%)

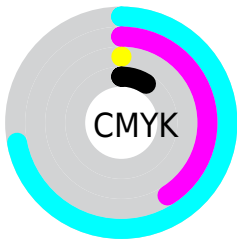
Blue (91%)



Red (25%)

Yellow (45%)

Blue (91%)

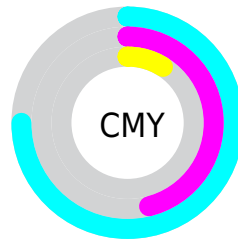


Cyan (72%)

Magenta (41%)

Yellow (0%)

Black (9%)



Cyan (75%)

Magenta (46%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.1880, 51.6723, -53.6619 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 126.1880, 51.6723, -53.6619 by changing the saturation by 10% instead.

■ 126.1880, 51.6723,
-53.6619

■ 126.1880, 51.6723,
-53.6619

255.0000, 0.0000,
0.0000

■ 91.5770, 54.9315,
-72.4200

■ 179.7690, 37.0889,
-42.7704

■ 71.6060, 50.9732,
-62.7985

■ 205.4740, 24.4163,
-38.1267

■ 55.0270, 45.8357,
-48.2587

■ 231.1790, 11.7438,
-33.4830

■ 39.6220, 40.1194,
-34.7485

■ 245.4320, 4.7170,
-19.6729

■ 25.6190, 34.6978,
-22.4679

254.7010, 0.1474,
-0.6148

■ 12.7900, 28.6975,
-11.2168

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 126.1880, 51.6723,
-53.6619

■ 126.1880, 51.6723,
-53.6619

■ 111.6800, 58.8248,
-61.1094

■ 140.6960, 44.5199,
-46.2144

■ 97.1720, 65.9772,
-68.5568

■ 155.2040, 37.3674,
-38.7669

■ 85.0340, 71.9612,
-74.5748

■ 169.7120, 30.2150,
-31.3194

■ 184.2200, 23.0625,
-23.8719

■ 199.0270, 15.7627,
-15.8097

■ 213.5350, 8.6102,
-8.3622

■ 228.6300, 1.1684,
-1.4295

■ 243.1380, -5.9840,
6.0180

■ 252.2640,
-10.4832, 2.3995

Harmonies

Analogous

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



114.2870, 54.5815, -100.2297



126.1880, 51.6723, -53.6619



140.5620, 34.7259, 15.2931

Triad

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



126.1880, 51.6723, -53.6619



134.0510, -27.1401, 71.8693



103.5590, -1.7546, -90.8212

Complementary

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



126.1880, 51.6723, -53.6619



169.8120, -51.6723, 53.6619

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.



123.5510, -32.8096, -23.2852



126.1880, 51.6723, -53.6619



133.0270, -44.3833, 49.0883

Square

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



126.1880, 51.6723, -53.6619



134.8170, -5.3328, 77.3365



129.4930, -48.0640, 16.2306



111.0200, 19.2171, -97.3645

Rectangle

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



126.1880, 51.6723, -53.6619



139.9590, 22.6982, 46.5170



129.4930, -48.0640, 16.2306



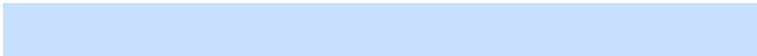
113.8310, -14.2137, -61.2418

Sweetspot

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



126.1880, 51.6723, -53.6619



219.4720, 17.5153, -17.9539



172.8160, -8.2903, -94.5546



106.6810, 10.5103, -11.1212



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.



126.1880, 51.6723, -53.6619



116.7310, 68.1666, -70.8011



86.3160, 71.3292, -11.6781



107.3030, 3.7946, -3.7737



65.6050, 55.9037, -57.5356



18.7280, 15.9101, -16.4245

Inverse Universe

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



122.8420, 6.9799, 94.8546



112.3110, 9.2137, 125.1383



209.6840, -71.3292, 11.6781



107.1580, 0.4151, 6.8774



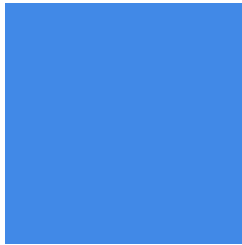
62.2990, 7.2476, 102.3468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 126.1880, 51.6723, -53.6619 looks on a white background.

Color Contrast Check

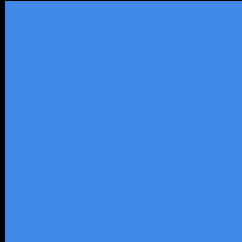
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.1880, 51.6723, -53.6619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

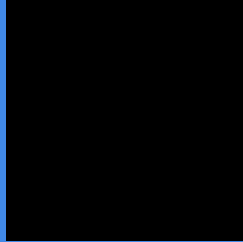
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

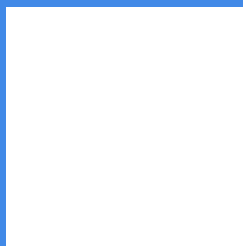
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 126.1880, 51.6723, -53.6619

Background



This preview shows how black text looks on a background with the YUV color 126.1880, 51.6723, -53.6619.



This preview shows how white text looks on a background with the YUV color 126.1880, 51.6723, -53.6619.

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

126.1880, 51.6723, -53.6619

Protanopia

132.0660, 46.8025, -31.6299

Deuteranopia

126.4870, 51.5249, -53.0471



Tritanopia

107.1050, 27.0632, -93.9311

Trichromacy



Original Color

126.1880, 51.6723, -53.6619

Protanomaly

130.0650, 48.2820, -39.5220

Deuteranomaly

126.4870, 51.5249, -53.0471

Tritanomaly

114.1960, 35.8924, -79.1019

Monochromacy



Original Color

126.1880, 51.6723, -53.6619

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.1020, 18.6837, -19.3835

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.1880, 51.6723, -53.6619 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(65, 137, 231)` looks like.

```
.text, #text, p{  
    color:rgb(65, 137, 231)  
}
```

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(65, 137, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 137, 231) }
```

Border

The CSS property to change the border of an element to YUV 126.1880, 51.6723, -53.6619 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(65, 137, 231) }
```


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

```
.border{ border-color:rgb(65, 137, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 137, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 137, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 137, 231);  
box-shadow:4px 4px 4px 4px rgb(65, 137,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 126.1880, 51.6723, -53.6619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 137, 231) }
```

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

```
.background{ background-color: rgb(65, 137,  
231) }
```

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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