

Converting Colors

YUV(126.1770, 38.3667,
-32.6042)

Have a look what the booklet for
YUV(126.1770, 38.3667, -32.6042)
contains.

YUV(126.1770, 38.3667, -32.6042)	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(126.1770, 38.3667,
-32.6042)**

Conversions

Conversions Part 1

Format	Color
Hex	5982CC
RGB	89, 130, 204
RGB Percent	35%, 51%, 80%
CMY	0.6510, 0.4902, 0.2000
CMYK	0.56, 0.36, 0.00, 0.20
HSL	219°, 53%, 57%
HSV	219°, 56%, 80%
XYZ	23.0015, 22.4487, 60.2475
YIQ	126.1770, -48.1900, 14.3220

Conversions

Conversions Part 2

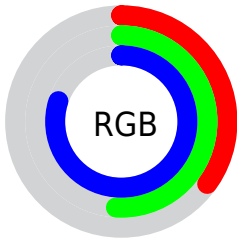
Format	Color
R_{YB}	89, 119, 204
Decimal	5866188
CIE _{Lab}	54.50, 7.71, -42.64
CIE _{LCh}	54, 43.333, 280.243
Yxy	22.4487, 0.2176, 0.2124
Android (android.graphics.Color)	4284056268 (0xFF5982CC)
YUV	126.1770, 38.3667, -32.6042
Hunter-Lab	47.3801, 3.7409, -42.2257

Details

The YUV color `126.1770, 38.3667, -32.6042` is a dark color, and the websafe version is hex `6699CC`. The color can be described as middle muted azure. A complement of this color would be `166.8230, -38.3667, 32.6042`, and the grayscale version is `126.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `180.1450, 36.9035, -29.9452`, and `70.5130, 38.6941, -44.2999` is the 20% darker color. If you saturate the color by 10%, you get `112.5660, 45.0770, -38.2074`, and if you desaturate by 10%, it is `139.7880, 31.6565, -27.0011`.

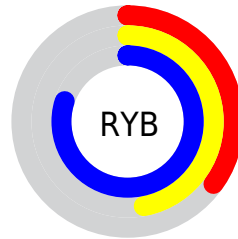
Distribution



Red (35%)

Green (51%)

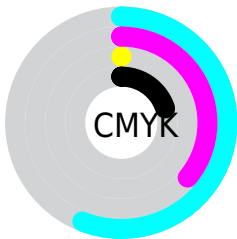
Blue (80%)



Red (35%)

Yellow (47%)

Blue (80%)

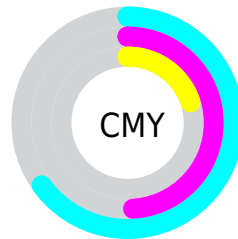


Cyan (56%)

Magenta (36%)

Yellow (0%)

Black (20%)



Cyan (65%)

Magenta (49%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.1770, 38.3667, -32.6042 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 126.1770, 38.3667, -32.6042 by changing the saturation by 10% instead.

■ 126.1770, 38.3667,
-32.6042

■ 126.1770, 38.3667,
-32.6042

255.0000, 0.0000,
0.0000

■ 99.3400, 37.7934,
-35.3782

■ 180.1450, 36.9035,
-29.9452

■ 70.5130, 38.6941,
-44.2999

■ 204.6650, 24.8152,
-26.0162

■ 48.6550, 36.6521,
-42.6704

■ 229.7720, 12.4374,
-22.6020

■ 33.4780, 31.8093,
-29.3602

■ 248.7210, 3.0955,
-12.9103

■ 18.4150, 27.4034,
-16.1500

■ 8.0480, 20.6823,
-7.0581

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 126.1770, 38.3667,
-32.6042

■ 126.1770, 38.3667,
-32.6042

■ 112.5660, 45.0770,
-38.2074

■ 139.7880, 31.6565,
-27.0011

■ 98.6560, 51.9346,
-44.4253

■ 153.6980, 24.7989,
-20.7831

■ 85.0450, 58.6448,
-50.0285

■ 167.3090, 18.0887,
-15.1800

■ 70.5480, 65.7918,
-55.7316

■ 181.8060, 10.9416,
-9.4769

■ 66.1070, 67.9812,
-57.9758

■ 195.4170, 4.2314,
-3.8737

■ 209.0280, -2.4788,
1.7294

■ 222.9380, -9.3364,
7.9474

■ 236.5490,
-16.0467, 13.5505

■ 245.0770,
-20.2510, 8.7025

Harmonies

Analogous

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



105.5670, 46.5555, -92.5823



126.1770, 38.3667, -32.6042



133.7870, 26.7270, 14.2188

Triad

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



126.1770, 38.3667, -32.6042



129.8040, -22.5814, 56.2999



110.1050, -3.0098, -61.4821

Complementary

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



126.1770, 38.3667, -32.6042



166.8230, -38.3667, 32.6042

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.



121.0490, -24.6742, -19.3370



126.1770, 38.3667, -32.6042



128.3060, -34.1679, 39.1966

Square

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



126.1770, 38.3667, -32.6042



130.8920, -5.8628, 60.6077



125.3860, -35.6863, 12.8165



103.6510, 18.9061, -90.9019

Rectangle

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



126.1770, 38.3667, -32.6042



134.2970, 16.6156, 37.4505



125.3860, -35.6863, 12.8165



115.6250, -11.6471, -44.3981

Sweetspot

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



126.1770, 38.3667, -32.6042



225.7070, 14.4414, -12.0210



164.8270, -1.3937, -66.5003



110.2470, 8.7522, -7.2326



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.



126.1770, 38.3667, -32.6042



137.5290, 57.9132, -48.6989



106.5950, 48.0207, -2.2758



94.9010, 3.4998, -2.5442



53.5570, 55.4344, -46.9695



12.5500, 12.5468, -11.0064

Inverse Universe

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



128.0590, 0.9569, 66.6003



140.6810, 1.1433, 100.2578



186.4050, -48.0207, 2.2758



95.3320, -0.1637, 5.8478



56.3600, 1.3015, 96.1543



12.9580, 0.5137, 21.9618

Previews

White Background



This preview shows how the YUV color 126.1770, 38.3667, -32.6042 looks on a white background.

Color Contrast Check

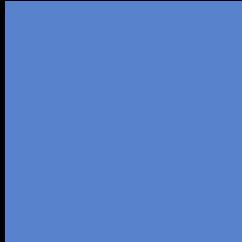
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.1770, 38.3667, -32.6042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

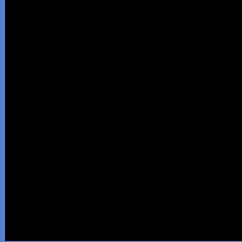
Any Text WCAG AA ✓ Pass

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 126.1770, 38.3667, -32.6042 Background



This preview shows how black text looks on a background with the YUV color 126.1770, 38.3667, -32.6042.

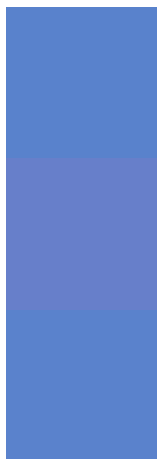


This preview shows how white text looks on a background with the YUV color 126.1770, 38.3667, -32.6042.

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

126.1770, 38.3667, -32.6042

Protanopia

128.3740, 36.2976, -22.2530

Deuteranopia

126.4760, 38.2193, -31.9895



Tritanopia

120.7260, 15.4181, -45.3637

Trichromacy



Original Color

126.1770, 38.3667, -32.6042

Protanomaly

127.5800, 37.1821, -25.9417

Deuteranomaly

126.4760, 38.2193, -31.9895

Tritanomaly

122.6370, 23.8430, -40.9006

Monochromacy



Original Color

126.1770, 38.3667, -32.6042

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.8920, 13.8572, -11.3063

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.1770, 38.3667, -32.6042 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(89, 130, 204)` looks like.

```
.text, #text, p{  
    color:rgb(89, 130, 204)  
}
```

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(89, 130, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 130, 204) }
```

Border

The CSS property to change the border of an element to YUV 126.1770, 38.3667, -32.6042 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(89, 130, 204) }
```


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

```
.border{ border-color:rgb(89, 130, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 130, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 130, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 130, 204);  
box-shadow:4px 4px 4px 4px rgb(89, 130,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 126.1770, 38.3667, -32.6042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 130, 204) }
```

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

```
.background{ background-color: rgb(89, 130,  
204) }
```

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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