

Converting Colors

YUV(126.9360, 40.4576,
-49.9329)

Have a look what the booklet for
YUV(126.9360, 40.4576, -49.9329)
contains.

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Color

**YUV(126.9360, 40.4576,
-49.9329)**

Conversions

Conversions Part 1

Format	Color
Hex	468CD1
RGB	70, 140, 209
RGB Percent	27%, 55%, 82%
CMY	0.7255, 0.4510, 0.1804
CMYK	0.67, 0.33, 0.00, 0.18
HSL	210°, 60%, 55%
HSV	210°, 67%, 82%
XYZ	23.4125, 24.6617, 63.8478
YIQ	126.9360, -63.8690, 6.6190

Conversions

Conversions Part 2

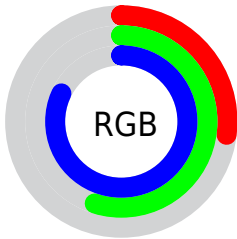
Format	Color
R _Y B	70, 117, 209
Decimal	4623569
CIE Lab	56.74, -0.12, -41.98
CIE LCh	57, 41.980, 269.831
Yxy	24.6617, 0.2092, 0.2203
Android (android.graphics.Color)	4282813649 (0xFF468CD1)
YUV	126.9360, 40.4576, -49.9329
Hunter-Lab	49.6606, -2.7521, -41.4659

Details

The YUV color **126.9360, 40.4576, -49.9329** 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 **152.0640, -40.4576, 49.9329**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.5300, 36.2207, -44.3148**, and **70.3860, 41.2217, -61.7285** is the 20% darker color. If you saturate the color by 10%, you get **114.7870, 46.4470, -57.6952**, and if you desaturate by 10%, it is **139.0850, 34.4681, -42.1705**.

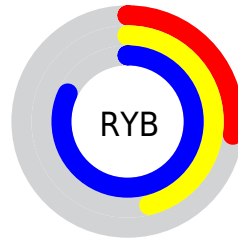
Distribution



Red (27%)

Green (55%)

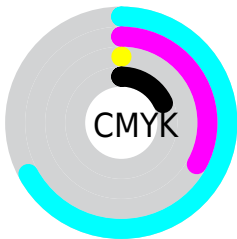
Blue (82%)



Red (27%)

Yellow (46%)

Blue (82%)

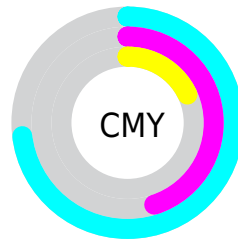


Cyan (67%)

Magenta (33%)

Yellow (0%)

Black (18%)



Cyan (73%)

Magenta (45%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.9360, 40.4576, -49.9329 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 126.9360, 40.4576, -49.9329 by changing the saturation by 10% instead.

■ 126.9360, 40.4576,
-49.9329

■ 126.9360, 40.4576,
-49.9329

■ 255.0000, 0.0000,
0.0000

■ 97.4080, 41.2109,
-58.2398

■ 181.5300, 36.2207,
-44.3148

■ 70.3860, 41.2217,
-61.7285

■ 206.9360, 23.6956,
-40.2859

■ 53.9210, 36.5209,
-47.2887

■ 232.9290, 10.8810,
-36.7717

■ 38.6300, 31.2414,
-33.8785

■ 244.5350, 5.1592,
-21.5172

■ 24.1540, 26.5461,
-21.1831

■ 253.8040, 0.5896,
-2.4591

■ 9.2050, 22.5769,
-8.0728

■ 4.8220, 13.3988,

-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 126.9360, 40.4576,
-49.9329

■ 126.9360, 40.4576,
-49.9329

■ 114.7870, 46.4470,
-57.6952

■ 139.0850, 34.4681,
-42.1705

■ 102.0510, 52.7259,
-64.9427

■ 151.8210, 28.1892,
-34.9230

■ 89.9020, 58.7153,
-72.7051

■ 163.9700, 22.1998,
-27.1607

■ 85.4610, 60.9047,
-74.9493

■ 176.1190, 16.2103,
-19.3984

■ 188.8550, 9.9315,
-12.1508

■ 200.7050, 4.0894,
-5.0033

■ 213.4410, -2.1894,
2.2442

■ 225.5900, -8.1789,
10.0066

■ 236.8420,
-13.7261, 15.9246

Harmonies

Analogous

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



110.1490, 43.8035, -96.6007



126.9360, 40.4576, -49.9329



138.6110, 30.2648, -0.5358

Triad

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



126.9360, 40.4576, -49.9329



136.3080, -16.9138, 58.4889



122.5220, -12.0893, -42.5538

Complementary

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



126.9360, 40.4576, -49.9329



152.0640, -40.4576, 49.9329

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.



129.2740, -29.2221, -7.2563



126.9360, 40.4576, -49.9329



135.2620, -30.6952, 45.3742

Square

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



126.9360, 40.4576, -49.9329



138.0640, -0.0316, 56.9489



132.8540, -35.4240, 22.0530



106.3750, 14.1121, -93.2909

Rectangle

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



126.9360, 40.4576, -49.9329



140.1860, 21.6003, 25.2699



132.8540, -35.4240, 22.0530



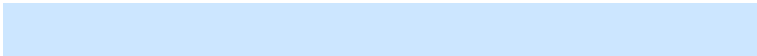
125.4760, -18.9687, -29.3585

Sweetspot

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



126.9360, 40.4576, -49.9329



225.0760, 14.7525, -18.4837



159.2310, -10.9599, -78.2556



109.3390, 9.1999, -10.8213



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.



126.9360, 40.4576, -49.9329



134.7170, 59.2995, -73.4198



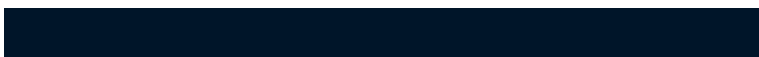
87.0200, 60.1361, -14.9265



98.1890, 3.3578, -3.6738



69.0470, 48.7838, -60.5542



17.0010, 11.8315, -14.9099

Inverse Universe

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



119.5410, 10.0863, 78.4555



123.7380, 14.9192, 115.1168



191.9800, -60.1361, 14.9265



97.8590, 0.5625, 6.2627



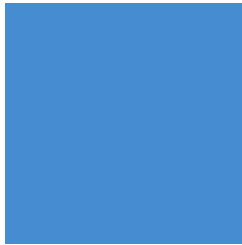
59.9220, 12.3635, 94.7844



14.6530, 3.1291, 23.1063

Previews

White Background



This preview shows how the YUV color 126.9360, 40.4576, -49.9329 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 126.9360, 40.4576, -49.9329 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 126.9360, 40.4576, -49.9329

Background



This preview shows how black text looks on a background with the YUV color 126.9360, 40.4576, -49.9329.

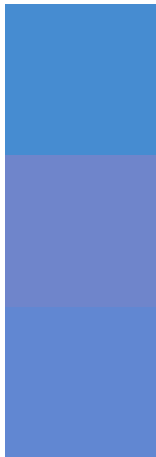


This preview shows how white text looks on a background with the YUV color 126.9360, 40.4576, -49.9329.

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

126.9360, 40.4576, -49.9329

Protanopia

134.4020, 33.8188, -20.5236

Deuteranopia

132.1880, 38.3613, -30.8599



Tritanopia

117.8910, 21.7457, -68.3104

Trichromacy



Original Color

126.9360, 40.4576, -49.9329

Protanomaly

131.9060, 36.0353, -31.4896

Deuteranomaly

130.3720, 39.2566, -38.0372

Tritanomaly

121.3570, 28.4180, -61.7031

Monochromacy



Original Color

126.9360, 40.4576, -49.9329

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.0760, 14.7525, -18.4837

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.9360, 40.4576, -49.9329 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(70, 140, 209)` looks like.

```
.text, #text, p{  
    color:rgb(70, 140, 209)  
}
```

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(70, 140, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 140, 209) }
```

Border

The CSS property to change the border of an element to YUV 126.9360, 40.4576, -49.9329 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

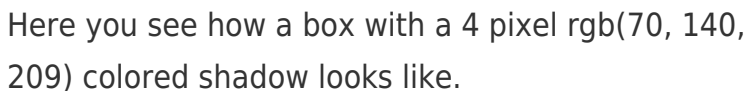
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(70, 140, 209) }
```


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

```
.border{ border-color:rgb(70, 140, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(70, 140, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 140, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 140, 209);  
box-shadow:4px 4px 4px 4px rgb(70, 140,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 126.9360, 40.4576, -49.9329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 140, 209) }
```

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

```
.background{ background-color: rgb(70, 140,  
209) }
```

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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