

Converting Colors

YUV(92.6230, 51.9509,
-49.6584)

Have a look what the booklet for
YUV(92.6230, 51.9509, -49.6584)
contains.

YUV(92.6230, 51.9509, -49.6584)	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(92.6230, 51.9509,
-49.6584)**

Conversions

Conversions Part 1

Format	Color
Hex	2465C6
RGB	36, 101, 198
RGB Percent	14%, 40%, 78%
CMY	0.8588, 0.6039, 0.2235
CMYK	0.82, 0.49, 0.00, 0.22
HSL	216°, 69%, 46%
HSV	216°, 82%, 78%
XYZ	15.5743, 13.7596, 55.2611
YIQ	92.6230, -69.8770, 16.3870

Conversions

Conversions Part 2

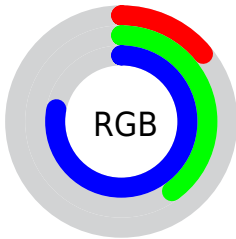
Format	Color
R_{YB}	36, 82, 198
Decimal	2385350
CIE Lab	43.89, 15.48, -56.28
CIE LCh	44, 58.370, 285.375
Yxy	13.7596, 0.1841, 0.1627
Android (android.graphics.Color)	4280575430 (0xFF2465C6)
YUV	92.6230, 51.9509, -49.6584
Hunter-Lab	37.0940, 10.0305, -62.3620

Details

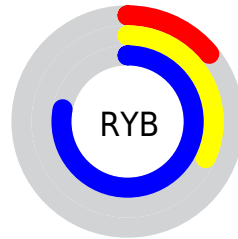
The YUV color **92.6230, 51.9509, -49.6584** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **141.3770, -51.9509, 49.6584**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.9990, 51.7655, -36.8331**, and **48.5870, 46.5456, -42.6108** is the 20% darker color. If you saturate the color by 10%, you get **79.5990, 58.3717, -55.7763**, and if you desaturate by 10%, it is **105.6470, 45.5300, -43.5404**.

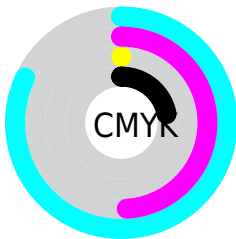
Distribution



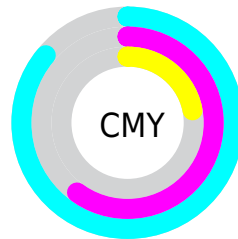
- Red (14%)
- Green (40%)
- Blue (78%)



- Red (14%)
- Yellow (32%)
- Blue (78%)



- Cyan (82%)
- Magenta (49%)
- Yellow (0%)
- Black (22%)



- Cyan (86%)
- Magenta (60%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.6230, 51.9509, -49.6584 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 92.6230, 51.9509, -49.6584 by changing the saturation by 10% instead.

■ 92.6230, 51.9509,
-49.6584

■ 92.6230, 51.9509,
-49.6584

■ 255.0000, 0.0000,
0.0000

■ 65.1660, 51.6832,
-57.1506

■ 149.9990, 51.7655,
-36.8331

■ 48.5870, 46.5456,
-42.6108

■ 175.1170, 39.3823,
-31.6746

■ 33.8830, 40.9767,
-29.7154

■ 199.9360, 27.1466,
-27.1309

■ 19.2930, 35.8446,
-16.9200

■ 225.3420, 14.6214,
-23.1019

■ 11.7470, 27.2397,
-10.3021

■ 247.2260, 3.8326,
-15.9842

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 92.6230, 51.9509,
-49.6584

■ 92.6230, 51.9509,
-49.6584

■ 79.5990, 58.3717,
-55.7763

■ 105.6470, 45.5300,
-43.5404

■ 68.9450, 63.6241,
-60.4648

■ 118.6710, 39.1092,
-37.4225

■ 131.3960, 32.8358,
-31.9193

■ 143.8330, 26.7043,
-25.2865

■ 156.8570, 20.2835,
-19.1686

■ 169.8810, 13.8627,
-13.0506

■ 182.9050, 7.4418,
-6.9327

■ 195.6300, 1.1684,
-1.4295

■ 208.6540, -5.2524,
4.6884

Harmonies

Analogous

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



90.6640, 52.9166, -79.5123



92.6230, 51.9509, -49.6584



106.0580, 32.5094, 26.2591

Triad

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



92.6230, 51.9509, -49.6584



98.2910, -31.2025, 68.1508



81.5660, -2.2510, -71.5334

Complementary

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



92.6230, 51.9509, -49.6584



141.3770, -51.9509, 49.6584

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.



85.1900, -28.6877, -38.7546



92.6230, 51.9509, -49.6584



97.9460, -48.2874, 41.2664

Square

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



92.6230, 51.9509, -49.6584



95.6820, -7.2382, 81.8399



94.4810, -46.5791, 6.5942



88.5540, 19.4469, -77.6619

Rectangle

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



92.6230, 51.9509, -49.6584



103.1560, 20.6291, 56.8682



94.4810, -46.5791, 6.5942



79.1550, -8.9504, -69.4189

Sweetspot

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



92.6230, 51.9509, -49.6584



213.5580, 20.4309, -19.7834



141.9240, -5.3855, -92.8953



102.8380, 12.4049, -12.1359



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.



92.6230, 51.9509, -49.6584



92.2000, 80.2604, -76.4744



58.6540, 68.6976, -7.5896



92.7870, 3.0630, -2.4442



56.7370, 52.3877, -49.7583



12.3220, 11.6733, -10.8064

Inverse Universe

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



91.8480, 4.5119, 93.0953



91.1500, 6.8281, 143.6965



175.6450, -68.8450, 8.2043



93.0330, -0.0163, 5.2331



56.1470, 4.3645, 93.7101



12.3600, 0.8085, 20.7323

Previews

White Background



This preview shows how the YUV color 92.6230, 51.9509, -49.6584 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 92.6230, 51.9509, -49.6584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

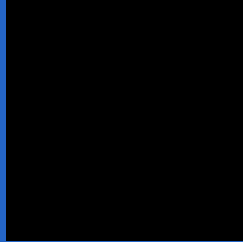
Any Text WCAG AA × Fail

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 92.6230, 51.9509, -49.6584 Background



This preview shows how black text looks on a background with the YUV color 92.6230, 51.9509, -49.6584.



This preview shows how white text looks on a background with the YUV color 92.6230, 51.9509, -49.6584.

-49.6584.

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

92.6230, 51.9509, -49.6584

Protanopia

95.8090, 49.8872, -41.0515

Deuteranopia

82.6110, 49.9848, -72.4498



Tritanopia

81.4130, 20.0094, -71.3992

Trichromacy



Original Color

92.6230, 51.9509, -49.6584

Protanomaly

94.3140, 50.6242, -44.1254

Deuteranomaly

86.4810, 50.5419, -64.4428

Tritanomaly

85.5570, 31.7704, -63.6325

Monochromacy



Original Color

92.6230, 51.9509, -49.6584

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.8140, 18.8257, -18.2539

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.6230, 51.9509, -49.6584 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(36, 101, 198)` looks like.

```
.text, #text, p{  
    color:rgb(36, 101, 198)  
}
```

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(36, 101, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 101, 198) }
```

Border

The CSS property to change the border of an element to YUV 92.6230, 51.9509, -49.6584 is called "border". The border property can be set on classes, ids or directly on the HTML element.

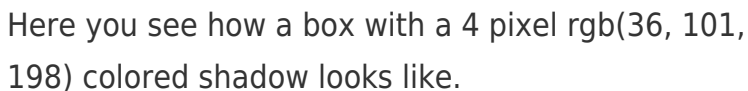
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(36, 101, 198) }
```


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

```
.border{ border-color:rgb(36, 101, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(36, 101, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 101, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 101, 198);  
box-shadow:4px 4px 4px 4px rgb(36, 101,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 92.6230, 51.9509, -49.6584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 101, 198) }
```

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

```
.background{ background-color: rgb(36, 101,  
198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor