

Converting Colors

YUV(106.6420, 22.8545,
-50.5520)

Have a look what the booklet for
YUV(106.6420, 22.8545, -50.5520)
contains.

YUV(106.6420, 22.8545, -50.5520)	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(106.6420, 22.8545,
-50.5520)**

Conversions

Conversions Part 1

Format	Color
Hex	317F99
RGB	49, 127, 153
RGB Percent	19%, 50%, 60%
CMY	0.8078, 0.5020, 0.4000
CMYK	0.68, 0.17, 0.00, 0.40
HSL	195°, 51%, 40%
HSV	195°, 68%, 60%
XYZ	14.6058, 18.1316, 32.8669
YIQ	106.6420, -54.8340, -8.4500

Conversions

Conversions Part 2

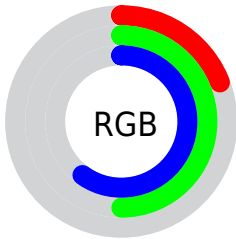
Format	Color
R _Y B	49, 94, 153
Decimal	3243929
CIE Lab	49.66, -15.18, -20.96
CIE LCh	50, 25.885, 234.083
Yxy	18.1316, 0.2226, 0.2764
Android (android.graphics.Color)	4281434009 (0xFF317F99)
YUV	106.6420, 22.8545, -50.5520
Hunter-Lab	42.5812, -13.2900, -15.9570

Details

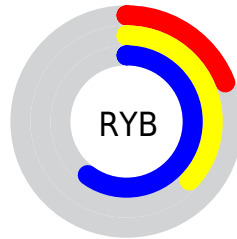
The YUV color **106.6420, 22.8545, -50.5520** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **95.3580, -22.8545, 50.5520**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.5500, 22.4068, -46.9634**, and **57.4140, 21.9809, -50.3521** is the 20% darker color. If you saturate the color by 10%, you get **99.8090, 26.2232, -57.7145**, and if you desaturate by 10%, it is **113.4750, 19.4858, -43.3896**.

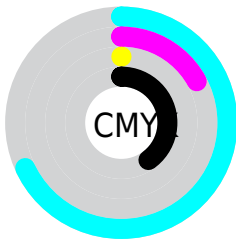
Distribution



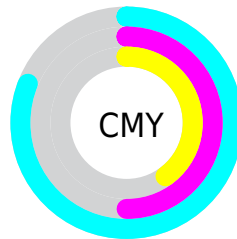
- Red (19%)
- Green (50%)
- Blue (60%)



- Red (19%)
- Yellow (37%)
- Blue (60%)



- Cyan (68%)
- Magenta (17%)
- Yellow (0%)
- Black (40%)



- Cyan (81%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.6420, 22.8545, -50.5520 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 106.6420, 22.8545, -50.5520 by changing the saturation by 10% instead.

■ 106.6420, 22.8545,
-50.5520

■ 106.6420, 22.8545,
-50.5520

■ 255.0000, 0.0000,
0.0000

■ 75.5480, 25.3658,
-62.7476

■ 161.5500, 22.4068,
-46.9634

■ 57.4140, 21.9809,
-50.3521

■ 189.0770, 23.1330,
-46.5485

■ 41.1770, 18.1537,
-36.1122

■ 216.6380, 18.9125,
-46.1635

■ 26.2280, 14.1846,
-23.0020

■ 236.4620, 9.1392,
-38.1162

■ 5.0500, 14.2723,
-4.4289

■ 245.1330, 4.8644,
-20.2876

■ 0.9120, 3.4944,
-0.7998

■ 254.1030, 0.4422,

■ 0.0000, 0.0000,

-1.8443

0.0000

■ 106.6420, 22.8545,
-50.5520

■ 106.6420, 22.8545,
-50.5520

■ 99.8090, 26.2232,
-57.7145

■ 113.4750, 19.4858,
-43.3896

■ 92.6770, 29.7392,
-65.4917

■ 120.6070, 15.9697,
-35.6123

■ 86.4310, 32.8185,
-73.1690

■ 126.8530, 12.8905,
-27.9351

■ 84.9470, 33.5501,
-74.4985

■ 133.6860, 9.5218,
-20.7726

■ 140.8180, 6.0057,
-12.9954

■ 147.6510, 2.6371,
-5.8329

■ 154.4840, -0.7316,
1.3295

■ 161.3170, -4.1003,
8.4920

■ 167.8620, -7.3270,
16.7840

Harmonies

Analogous

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



103.9590, 15.3032, -55.2150



106.6420, 22.8545, -50.5520



114.1870, 23.0788, -29.1050

Triad

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



106.6420, 22.8545, -50.5520



121.1380, 0.9180, 32.3280



114.7770, -18.6241, 0.1956

Complementary

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



106.6420, 22.8545, -50.5520



95.3580, -22.8545, 50.5520

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.



116.9040, -21.1517, 17.6242



106.6420, 22.8545, -50.5520



119.5270, -9.1338, 36.3718

Square

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



106.6420, 22.8545, -50.5520



121.0960, 11.2917, 18.3328



118.9040, -17.7007, 30.7792



111.6480, -9.6865, -19.8623

Rectangle

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



106.6420, 22.8545, -50.5520



118.0150, 20.6986, -12.2912



118.9040, -17.7007, 30.7792



115.7670, -20.0981, 6.3433

Sweetspot

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



106.6420, 22.8545, -50.5520



181.1700, 8.7902, -19.4431



113.0120, -18.7399, -56.1385



88.6010, 5.1267, -11.0511



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



106.6420, 22.8545, -50.5520



126.1960, 35.8924, -79.1019



76.1180, 37.9028, -23.7825



73.4340, 1.7580, -3.8886



77.5950, 30.7657, -68.0508



7.3520, 2.7845, -6.4477

Inverse Universe

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



88.9880, 18.7399, 56.1385



98.6450, 29.2620, 88.0113



125.8820, -37.9028, 23.7825



72.0760, 1.4415, 4.3183



53.8300, 25.2268, 75.5711



5.0270, 2.4517, 6.9923

Previews

White Background



This preview shows how the YUV color 106.6420, 22.8545, -50.5520 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 106.6420, 22.8545, -50.5520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

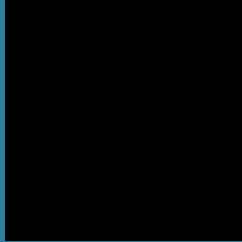
Any Text WCAG AA ✓ Pass

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 106.6420, 22.8545, -50.5520 Background



This preview shows how black text looks on a background with the YUV color 106.6420, 22.8545, -50.5520.

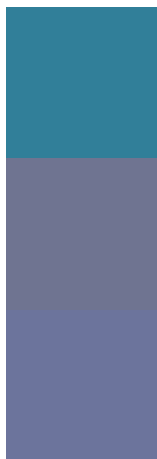


This preview shows how white text looks on a background with the YUV color 106.6420, 22.8545, -50.5520.

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

106.6420, 22.8545, -50.5520

Protanopia

117.8110, 13.4042, -5.9732

Deuteranopia

118.1680, 18.6512, -8.9173



Tritanopia

103.9420, 17.7766, -55.2001

Trichromacy



Original Color

106.6420, 22.8545, -50.5520

Protanomaly

113.6240, 16.9474, -22.4722

Deuteranomaly

114.1230, 20.1524, -23.7869

Tritanomaly

104.8220, 19.8078, -53.3409

Monochromacy



Original Color

106.6420, 22.8545, -50.5520

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.7680, 8.4954, -18.2135

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6420, 22.8545, -50.5520 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(49, 127, 153)` looks like.

```
.text, #text, p{  
    color:rgb(49, 127, 153)  
}
```

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(49, 127, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 127, 153) }
```

Border

The CSS property to change the border of an element to YUV 106.6420, 22.8545, -50.5520 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(49, 127, 153) }
```


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

```
.border{ border-color:rgb(49, 127, 153) }
```

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

Here you see how a box with a 4 pixel rgb(49, 127, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 127, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 127, 153);  
box-shadow:4px 4px 4px 4px rgb(49, 127,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 106.6420, 22.8545, -50.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 127, 153) }
```

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

```
.background{ background-color: rgb(49, 127,  
153) }
```

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