

Converting Colors

YUV(111.1100, 39.8788,
-50.9625)

Have a look what the booklet for
YUV(111.1100, 39.8788, -50.9625)
contains.

YUV(111.1100, 39.8788, -50.9625)	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(111.1100, 39.8788,
-50.9625)**

Conversions

Conversions Part 1

Format	Color
Hex	357DC0
RGB	53, 125, 192
RGB Percent	21%, 49%, 75%
CMY	0.7922, 0.5098, 0.2471
CMYK	0.72, 0.35, 0.00, 0.25
HSL	209°, 57%, 48%
HSV	209°, 72%, 75%
XYZ	18.3162, 19.2299, 52.6155
YIQ	111.1100, -64.4190, 5.5730

Conversions

Conversions Part 2

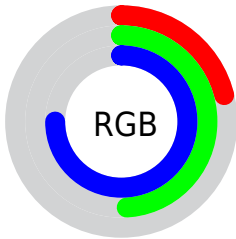
Format	Color
R_{YB}	53, 100, 192
Decimal	3505600
CIE _{Lab}	50.96, 0.20, -41.51
CIE _{LCh}	51, 41.506, 270.282
Yxy	19.2299, 0.2031, 0.2133
Android (android.graphics.Color)	4281695680 (0xFF357DC0)
YUV	111.1100, 39.8788, -50.9625
Hunter-Lab	43.8519, -2.1842, -40.4426

Details

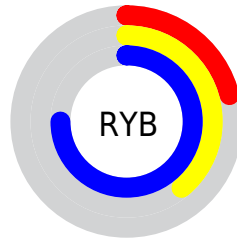
The YUV color **111.1100, 39.8788, -50.9625** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **133.8900, -39.8788, 50.9625**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9690, 40.4413, -44.6998**, and **60.9310, 37.9950, -53.4365** is the 20% darker color. If you saturate the color by 10%, you get **100.1460, 45.2840, -58.0100**, and if you desaturate by 10%, it is **122.0740, 34.4735, -43.9149**.

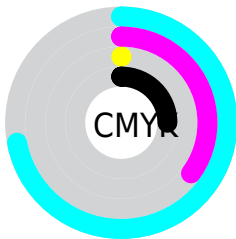
Distribution



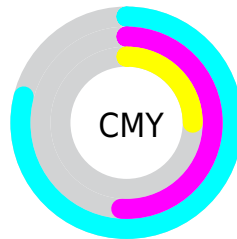
- Red (21%)
- Green (49%)
- Blue (75%)



- Red (21%)
- Yellow (39%)
- Blue (75%)



- Cyan (72%)
- Magenta (35%)
- Yellow (0%)
- Black (25%)



- Cyan (79%)
- Magenta (51%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.1100, 39.8788, -50.9625 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 111.1100, 39.8788, -50.9625 by changing the saturation by 10% instead.

■ 111.1100, 39.8788,
-50.9625

■ 111.1100, 39.8788,
-50.9625

■ 255.0000, 0.0000,
0.0000

■ 77.5100, 43.1326,
-67.9763

■ 166.9690, 40.4413,
-44.6998

■ 60.9310, 37.9950,
-53.4365

■ 193.0590, 30.5369,
-41.2707

■ 44.4660, 33.2943,
-38.9967

■ 218.1660, 18.1592,
-37.8566

■ 29.8760, 28.1621,
-26.2013

■ 240.0500, 7.3704,
-30.7388

■ 13.1660, 25.0612,
-11.5466

■ 249.0200, 2.9481,
-12.2955

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 111.1100, 39.8788,
-50.9625

■ 111.1100, 39.8788,
-50.9625

■ 100.1460, 45.2840,
-58.0100

■ 122.0740, 34.4735,
-43.9149

■ 88.5950, 50.9787,
-64.5428

■ 133.6250, 28.7789,
-37.3821

■ 80.0010, 55.2155,
-70.1609

■ 144.8880, 23.2262,
-29.7198

■ 155.8520, 17.8210,
-22.6722

■ 166.8160, 12.4157,
-15.6246

■ 178.3670, 6.7211,
-9.0919

■ 189.3310, 1.3158,
-2.0443

■ 200.5940, -4.2368,
5.6181

■ 211.5580, -9.6421,
12.6656

Harmonies

Analogous

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



99.4060, 40.7188, -87.1791



111.1100, 39.8788, -50.9625



123.6820, 29.2438, 0.2789

Triad

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



111.1100, 39.8788, -50.9625



121.4110, -16.4716, 56.6446



107.1630, -10.9264, -42.2390

Complementary

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



111.1100, 39.8788, -50.9625



133.8900, -39.8788, 50.9625

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.



114.5020, -28.3485, -7.4563



111.1100, 39.8788, -50.9625



120.1800, -29.6687, 42.8151

Square

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



111.1100, 39.8788, -50.9625



122.6400, -0.3155, 54.6897



118.0710, -34.5450, 20.1087



95.3870, 12.6272, -83.6544

Rectangle

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



111.1100, 39.8788, -50.9625



125.5450, 20.4373, 24.9550



118.0710, -34.5450, 20.1087



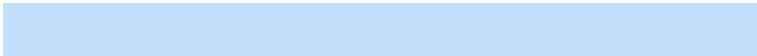
110.1170, -17.8057, -29.0436

Sweetspot

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



111.1100, 39.8788, -50.9625



217.7060, 15.9209, -19.9132



142.0030, -11.8335, -78.0556



105.7410, 9.4947, -12.0509



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



111.1100, 39.8788, -50.9625



123.1830, 62.5208, -79.9675



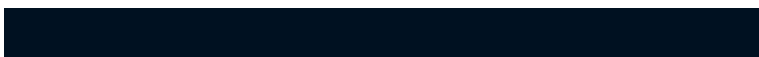
71.7810, 59.2680, -16.4709



91.0750, 2.9210, -3.5738



67.0750, 46.3050, -58.8248



13.7410, 9.4947, -12.0509

Inverse Universe

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



102.7690, 10.9599, 78.2556



110.0640, 17.2234, 122.7239



173.2190, -59.2680, 16.4709



90.5600, 0.7099, 5.6479



57.6010, 12.5217, 90.6809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 111.1100, 39.8788, -50.9625 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 111.1100, 39.8788, -50.9625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

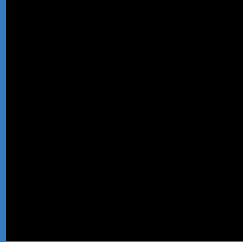
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 111.1100, 39.8788, -50.9625

Background



This preview shows how black text looks on a background with the YUV color 111.1100, 39.8788, -50.9625.



This preview shows how white text looks on a background with the YUV color 111.1100, 39.8788, -50.9625.

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

111.1100, 39.8788, -50.9625

Protanopia

119.1740, 32.9452, -20.3236

Deuteranopia

116.6500, 37.6405, -33.0191



Tritanopia

95.1880, 24.5573, -83.4799

Trichromacy



Original Color

111.1100, 39.8788, -50.9625

Protanomaly

116.3790, 35.3092, -31.9044

Deuteranomaly

114.5460, 38.6778, -39.0668

Tritanomaly

101.0460, 30.0503, -71.9543

Monochromacy



Original Color

111.1100, 39.8788, -50.9625

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.9620, 14.3157, -18.3837

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.1100, 39.8788, -50.9625 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(53, 125, 192)` looks like.

```
.text, #text, p{  
    color:rgb(53, 125, 192)  
}
```

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(53, 125, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 125, 192) }
```

Border

The CSS property to change the border of an element to YUV 111.1100, 39.8788, -50.9625 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(53, 125, 192) }
```


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

```
.border{ border-color:rgb(53, 125, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 125, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 125, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 125, 192);  
box-shadow:4px 4px 4px 4px rgb(53, 125,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 111.1100, 39.8788, -50.9625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 125, 192) }
```

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

```
.background{ background-color: rgb(53, 125,  
192) }
```

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