

Converting Colors

YUV(110.3440, 21.5224,
-43.2747)

Have a look what the booklet for
YUV(110.3440, 21.5224, -43.2747)
contains.

YUV(110.3440, 21.5224, -43.2747)	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(110.3440, 21.5224,
-43.2747)**

Conversions

Conversions Part 1

Format	Color
Hex	3D7F9A
RGB	61, 127, 154
RGB Percent	24%, 50%, 60%
CMY	0.7608, 0.5020, 0.3961
CMYK	0.60, 0.18, 0.00, 0.40
HSL	197°, 43%, 42%
HSV	197°, 60%, 60%
XYZ	15.3466, 18.5039, 33.3346
YIQ	110.3440, -48.0030, -5.5950

Conversions

Conversions Part 2

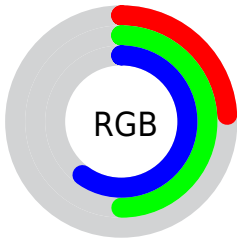
Format	Color
R_{YB}	61, 100, 154
Decimal	4030362
CIE _{Lab}	50.10, -12.65, -20.83
CIE _{LCh}	50, 24.370, 238.717
Yxy	18.5039, 0.2284, 0.2754
Android (android.graphics.Color)	4282220442 (0xFF3D7F9A)
YUV	110.3440, 21.5224, -43.2747
Hunter-Lab	43.0162, -11.5962, -15.8344

Details

The YUV color **110.3440, 21.5224, -43.2747** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **104.6560, -21.5224, 43.2747**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.3550, 21.5170, -41.5303**, and **57.5280, 22.4177, -50.4521** is the 20% darker color. If you saturate the color by 10%, you get **103.5110, 24.8911, -50.4371**, and if you desaturate by 10%, it is **117.1770, 18.1537, -36.1122**.

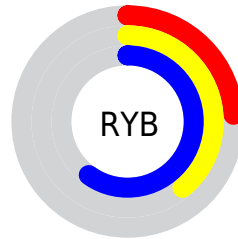
Distribution



Red (24%)

Green (50%)

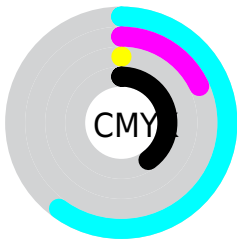
Blue (60%)



Red (24%)

Yellow (39%)

Blue (60%)

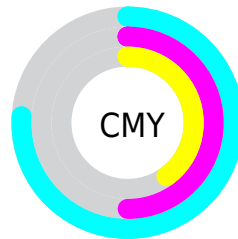


Cyan (60%)

Magenta (18%)

Yellow (0%)

Black (40%)



Cyan (76%)

Magenta (50%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.3440, 21.5224, -43.2747 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 110.3440, 21.5224, -43.2747 by changing the saturation by 10% instead.

■ 110.3440, 21.5224,
-43.2747

■ 110.3440, 21.5224,
-43.2747

■ 255.0000, 0.0000,
0.0000

■ 83.1370, 22.1175,
-47.4781

■ 164.3550, 21.5170,
-41.5303

■ 57.5280, 22.4177,
-50.4521

■ 191.8820, 22.2432,
-41.1155

■ 41.2910, 18.5905,
-36.2122

■ 219.3290, 17.5858,
-40.6305

■ 26.3420, 14.6214,
-23.1019

■ 238.8540, 7.9600,
-33.1980

■ 5.7510, 14.4198,
-5.0436

■ 247.5250, 3.6852,
-15.3694

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,

0.0000

■ 110.3440, 21.5224,
-43.2747

■ 110.3440, 21.5224,
-43.2747

■ 103.5110, 24.8911,
-50.4371

■ 117.1770, 18.1537,
-36.1122

■ 95.7920, 28.6965,
-57.6996

■ 124.8960, 14.3483,
-28.8498

■ 88.9590, 32.0652,
-64.8620

■ 131.7290, 10.9796,
-21.6873

■ 81.5390, 35.7233,
-71.5097

■ 139.4480, 7.1741,
-14.4249

■ 146.2810, 3.8055,
-7.2624

■ 153.7010, 0.1474,
-0.6148

■ 160.8330, -3.3687,
7.1625

■ 168.2530, -7.0267,
13.8101

■ 175.3850,
-10.5428, 21.5874

Harmonies

Analogous

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



106.9920, 15.2869, -49.9820



110.3440, 21.5224, -43.2747



116.1770, 21.6047, -22.9572

Triad

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



110.3440, 21.5224, -43.2747



122.0840, -0.5344, 31.4983



115.9230, -16.7240, -2.5635

Complementary

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



110.3440, 21.5224, -43.2747



104.6560, -21.5224, 43.2747

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.



118.2240, -19.8304, 13.8356



110.3440, 21.5224, -43.2747



120.8750, -10.2914, 34.3126

Square

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



110.3440, 21.5224, -43.2747



122.2380, 9.2497, 19.9623



119.8820, -17.6898, 27.2905



112.8050, -7.7919, -20.8770

Rectangle

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



110.3440, 21.5224, -43.2747



119.8800, 18.7932, -7.7878



119.8820, -17.6898, 27.2905



116.6140, -18.0507, 2.9695

Sweetspot

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



110.3440, 21.5224, -43.2747



184.3660, 8.2006, -16.9840



118.5550, -15.5566, -50.4757



91.3130, 5.2687, -9.9215



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



110.3440, 21.5224, -43.2747



132.9910, 33.5284, -67.5211



83.3420, 34.8344, -19.5939



72.8470, 2.0474, -3.3738



74.6600, 32.2126, -65.4768



6.7650, 3.0739, -5.9329

Inverse Universe

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



96.3310, 15.1198, 50.5757



111.0970, 23.6162, 78.8449



131.6580, -34.8344, 19.5939



71.9620, 1.0047, 4.4183



53.2600, 23.0428, 76.0710



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 110.3440, 21.5224, -43.2747 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 110.3440, 21.5224, -43.2747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

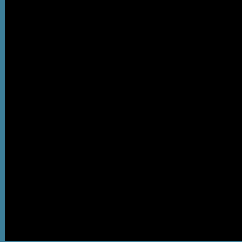
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 110.3440, 21.5224, -43.2747

Background



This preview shows how black text looks on a background with the YUV color 110.3440, 21.5224, -43.2747.

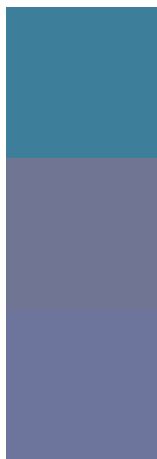


This preview shows how white text looks on a background with the YUV color 110.3440, 21.5224, -43.2747.

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

110.3440, 21.5224, -43.2747

Protanopia

118.9250, 13.8410, -6.0732

Deuteranopia

119.3530, 18.0670, -8.2026



Tritanopia

108.1280, 15.7129, -46.5933

Trichromacy



Original Color

110.3440, 21.5224, -43.2747

Protanomaly

115.9340, 16.7945, -20.1131

Deuteranomaly

116.2050, 19.1259, -21.2278

Tritanomaly

108.7090, 17.8915, -45.3488

Monochromacy



Original Color

110.3440, 21.5224, -43.2747

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9640, 7.9057, -15.7544

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.3440, 21.5224, -43.2747 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(61, 127, 154)` looks like.

```
.text, #text, p{  
    color:rgb(61, 127, 154)  
}
```

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(61, 127, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 127, 154) }
```

Border

The CSS property to change the border of an element to YUV 110.3440, 21.5224, -43.2747 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(61, 127, 154) }
```


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

```
.border{ border-color:rgb(61, 127, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 127, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 127, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 127, 154);  
box-shadow:4px 4px 4px 4px rgb(61, 127,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 110.3440, 21.5224, -43.2747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 127, 154) }
```

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

```
.background{ background-color: rgb(61, 127,  
154) }
```

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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