

Converting Colors

YUV(110.6240, 33.7094,
-32.1192)

Have a look what the booklet for
YUV(110.6240, 33.7094, -32.1192)
contains.

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Color

**YUV(110.6240, 33.7094,
-32.1192)**

Conversions

Conversions Part 1

Format	Color
Hex	4A74B3
RGB	74, 116, 179
RGB Percent	29%, 45%, 70%
CMY	0.7098, 0.5451, 0.2980
CMYK	0.59, 0.35, 0.00, 0.30
HSL	216°, 42%, 50%
HSV	216°, 59%, 70%
XYZ	17.2061, 17.2013, 45.0611
YIQ	110.6240, -45.2550, 10.6890

Conversions

Conversions Part 2

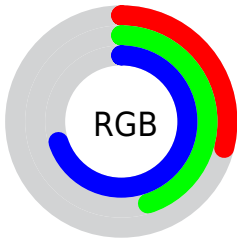
Format	Color
R_{YB}	74, 104, 179
Decimal	4879539
CIE _{Lab}	48.51, 4.78, -37.81
CIE _{LCh}	49, 38.114, 277.197
Yxy	17.2013, 0.2165, 0.2165
Android (android.graphics.Color)	4283069619 (0xFF4A74B3)
YUV	110.6240, 33.7094, -32.1192
Hunter-Lab	41.4745, 1.4723, -35.3853

Details

The YUV color **110.6240, 33.7094, -32.1192** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **142.3760, -33.7094, 32.1192**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2760, 34.8669, -30.0601**, and **54.2800, 35.3580, -47.6036** is the 20% darker color. If you saturate the color by 10%, you get **98.7850, 39.5460, -37.5224**, and if you desaturate by 10%, it is **122.4630, 27.8727, -26.7161**.

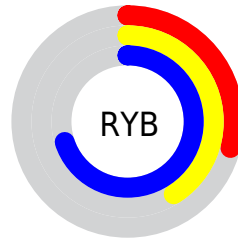
Distribution



Red (29%)

Green (45%)

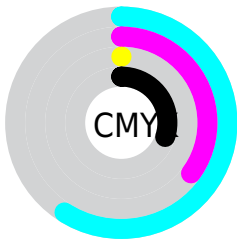
Blue (70%)



Red (29%)

Yellow (41%)

Blue (70%)

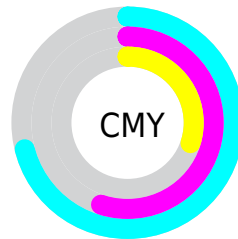


Cyan (59%)

Magenta (35%)

Yellow (0%)

Black (30%)



Cyan (71%)

Magenta (55%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.6240, 33.7094, -32.1192 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 110.6240, 33.7094, -32.1192 by changing the saturation by 10% instead.

■ 110.6240, 33.7094,
-32.1192

■ 110.6240, 33.7094,
-32.1192

■ 255.0000, 0.0000,
0.0000

■ 84.1890, 33.4308,
-36.1228

■ 164.2760, 34.8669,
-30.0601

■ 54.2800, 35.3580,
-47.6036

■ 191.0760, 31.5145,
-28.1307

■ 38.9890, 30.0784,
-34.1934

■ 215.8840, 19.2842,
-25.3313

■ 24.5130, 25.3831,
-21.4979

■ 240.9910, 6.9064,
-21.9171

■ 8.9770, 21.7033,
-7.8728

■ 252.3090, 1.3267,
-5.5330

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 110.6240, 33.7094,
-32.1192

■ 110.6240, 33.7094,
-32.1192

■ 98.7850, 39.5460,
-37.5224

■ 122.4630, 27.8727,
-26.7161

■ 87.5330, 45.0932,
-43.4404

■ 133.7150, 22.3255,
-20.7981

■ 75.6940, 50.9299,
-48.8436

■ 145.5540, 16.4889,
-15.3949

■ 63.8550, 56.7665,
-54.2468

■ 157.3930, 10.6523,
-9.9917

■ 62.6700, 57.3507,
-54.9616

■ 169.2320, 4.8156,
-4.5885

■ 180.1850, -0.5842,
0.7148

■ 192.0240, -6.4208,
6.1180

■ 203.8630,
-12.2575, 11.5211

■ 215.7020,
-18.0941, 16.9243

Harmonies

Analogous

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



93.2110, 39.8290, -81.7460



110.6240, 33.7094, -32.1192



118.3580, 23.9805, 8.4560

Triad

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



110.6240, 33.7094, -32.1192



114.9110, -18.1971, 50.0671



100.5090, -5.6739, -46.9274

Complementary

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



110.6240, 33.7094, -32.1192



142.3760, -33.7094, 32.1192

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.



108.2500, -22.8012, -13.3742



110.6240, 33.7094, -32.1192



114.0650, -28.6260, 35.0230

Square

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



110.6240, 33.7094, -32.1192



116.4070, -3.6517, 51.3861



111.6510, -30.8869, 13.4611



91.3920, 15.0897, -80.1508

Rectangle

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



110.6240, 33.7094, -32.1192



119.0140, 15.7691, 28.9287



111.6510, -30.8869, 13.4611



103.5770, -12.1165, -33.8320

Sweetspot

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



110.6240, 33.7094, -32.1192



204.7670, 13.4259, -12.9507



142.8170, -2.8678, -60.3525



100.4210, 8.1734, -8.2622



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



110.6240, 33.7094, -32.1192



126.6230, 51.9509, -49.6584



88.9600, 44.3897, -4.3499



83.3740, 2.7736, -2.9590



53.2490, 49.1772, -46.6994



8.8340, 8.4628, -7.7474

Inverse Universe

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



110.1830, 2.8678, 60.3525



125.8480, 4.5119, 93.0953



164.0400, -44.3897, 4.3499



83.1470, 0.4205, 5.1331



52.7010, 4.0914, 87.9622



8.9140, 0.5354, 14.9844

Previews

White Background



This preview shows how the YUV color 110.6240, 33.7094, -32.1192 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 110.6240, 33.7094, -32.1192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

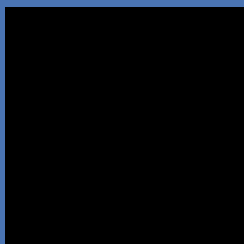
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

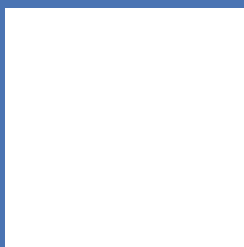
Any Text WCAG AAA × Fail

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

YUV 110.6240, 33.7094, -32.1192 Background



This preview shows how black text looks on a background with the YUV color 110.6240, 33.7094, -32.1192.



This preview shows how white text looks on a background with the YUV color 110.6240, 33.7094, -32.1192.

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

110.6240, 33.7094, -32.1192

Protanopia

113.9030, 30.6138, -19.2089

Deuteranopia

111.8310, 33.1143, -27.9158



Tritanopia

105.2100, 14.6865, -44.0342

Trichromacy



Original Color

110.6240, 33.7094, -32.1192

Protanomaly

112.5110, 31.7931, -24.1271

Deuteranomaly

111.2330, 33.4091, -29.1453

Tritanomaly

107.3660, 21.5116, -39.7860

Monochromacy



Original Color

110.6240, 33.7094, -32.1192

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.1370, 12.2575, -11.5211

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.6240, 33.7094, -32.1192 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(74, 116, 179)` looks like.

```
.text, #text, p{  
    color:rgb(74, 116, 179)  
}
```

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(74, 116, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 116, 179) }
```

Border

The CSS property to change the border of an element to YUV 110.6240, 33.7094, -32.1192 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(74, 116, 179) }
```


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

```
.border{ border-color:rgb(74, 116, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 116, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 116, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 116, 179);  
box-shadow:4px 4px 4px 4px rgb(74, 116,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 110.6240, 33.7094, -32.1192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 116, 179) }
```

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

```
.background{ background-color: rgb(74, 116,  
179) }
```

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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