

Converting Colors

YUV(99.6360, 48.9865,
-32.1298)

Have a look what the booklet for
YUV(99.6360, 48.9865, -32.1298)
contains.

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Color

**YUV(99.6360, 48.9865,
-32.1298)**

Conversions

Conversions Part 1

Format	Color
Hex	3F63C7
RGB	63, 99, 199
RGB Percent	25%, 39%, 78%
CMY	0.7529, 0.6118, 0.2196
CMYK	0.68, 0.50, 0.00, 0.22
HSL	224°, 55%, 51%
HSV	224°, 68%, 78%
XYZ	16.8205, 14.1040, 55.8686
YIQ	99.6360, -53.5560, 23.4680

Conversions

Conversions Part 2

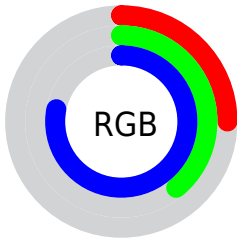
Format	Color
R _Y B	63, 91, 199
Decimal	4154311
CIE Lab	44.38, 20.45, -56.01
CIE LCh	44, 59.626, 290.060
Yxy	14.1040, 0.1938, 0.1625
Android (android.graphics.Color)	4282344391 (0xFF3F63C7)
YUV	99.6360, 48.9865, -32.1298
Hunter-Lab	37.5552, 14.2263, -61.9134

Details

The YUV color **99.6360, 48.9865, -32.1298** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **162.3640, -48.9865, 32.1298**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.9080, 49.8384, -25.3523**, and **47.5270, 47.5612, -41.6812** is the 20% darker color. If you saturate the color by 10%, you get **84.8510, 56.2755, -36.7033**, and if you desaturate by 10%, it is **114.4210, 41.6974, -27.5562**.

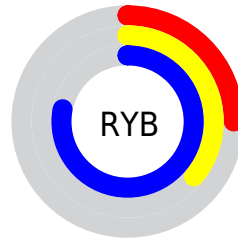
Distribution



Red (25%)

Green (39%)

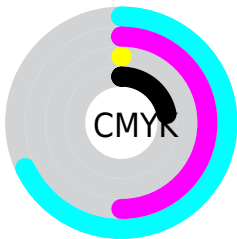
Blue (78%)



Red (25%)

Yellow (36%)

Blue (78%)

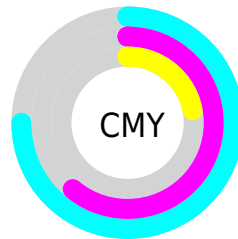


Cyan (68%)

Magenta (50%)

Yellow (0%)

Black (22%)



Cyan (75%)

Magenta (61%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.6360, 48.9865, -32.1298 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 99.6360, 48.9865, -32.1298 by changing the saturation by 10% instead.

■ 99.6360, 48.9865,
-32.1298

■ 99.6360, 48.9865,
-32.1298

■ 255.0000, 0.0000,
0.0000

■ 69.7870, 49.8980,
-44.5402

■ 153.9080, 49.8384,
-25.3523

■ 47.5270, 47.5612,
-41.6812

■ 178.7270, 37.6026,
-20.8086

■ 32.8230, 41.9923,
-28.7858

■ 203.2470, 25.5142,
-16.8796

■ 18.2330, 36.8601,
-15.9903

■ 228.6530, 12.9891,
-12.8507

■ 12.4480, 27.3871,
-10.9169

■ 251.7110, 1.6215,
-6.7625

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 99.6360, 48.9865,
-32.1298

■ 99.6360, 48.9865,
-32.1298

■ 84.8510, 56.2755,
-36.7033

■ 114.4210, 41.6974,
-27.5562

■ 70.6530, 63.2751,
-41.7917

■ 128.6190, 34.6978,
-22.4679

■ 55.8680, 70.5641,
-46.3652

■ 143.4040, 27.4088,
-17.8943

■ 53.7970, 71.5851,
-47.1800

■ 158.1890, 20.1198,
-13.3208

■ 172.3870, 13.1202,
-8.2324

■ 186.8730, 5.9786,
-4.2736

■ 201.0710, -1.0210,
0.8147

■ 215.8560, -8.3100,
5.3883

■ 230.6410,
-15.5990, 9.9618

Harmonies

Analogous

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



91.2340, 55.1006, -80.0122



99.6360, 48.9865, -32.1298



107.2440, 30.4457, 34.8660

Triad

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



99.6360, 48.9865, -32.1298



99.1290, -35.5596, 65.6619



83.7660, 1.1014, -73.4628

Complementary

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



99.6360, 48.9865, -32.1298



162.3640, -48.9865, 32.1298

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.



81.5840, -22.9659, -54.0092



99.6360, 48.9865, -32.1298



99.0980, -48.8553, 36.7481

Square

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



99.6360, 48.9865, -32.1298



96.0690, -10.8800, 83.2545



94.7360, -46.7048, 0.2315



90.2810, 23.5255, -79.1764

Rectangle

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



99.6360, 48.9865, -32.1298



102.6300, 18.4234, 64.3455



94.7360, -46.7048, 0.2315



81.2410, -6.0348, -71.2484

Sweetspot

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



99.6360, 48.9865, -32.1298



215.9610, 19.2462, -13.1208



154.2320, 4.3226, -80.0105



104.3440, 11.6624, -7.3177



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.



99.6360, 48.9865, -32.1298



102.1110, 75.3743, -49.2093



88.0720, 54.6875, 6.0759



92.2000, 3.3524, -1.9294



43.8230, 58.7543, -38.4328



9.3870, 13.1202, -8.2324

Inverse Universe

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



107.7680, -4.3226, 80.0105



114.7610, -6.7842, 122.9896



173.9280, -54.6875, -6.0759



92.9190, -0.4531, 5.3330



53.6390, -5.2450, 95.9096



11.7900, -1.3755, 21.2322

Previews

White Background



This preview shows how the YUV color 99.6360, 48.9865, -32.1298 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 99.6360, 48.9865, -32.1298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

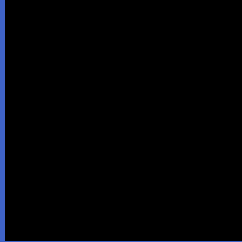
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.6360, 48.9865, -32.1298

Background



This preview shows how black text looks on a background with the YUV color 99.6360, 48.9865, -32.1298.



This preview shows how white text looks on a background with the YUV color 99.6360, 48.9865,

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

99.6360, 48.9865, -32.1298

Protanopia

95.9550, 51.7872, -43.8105

Deuteranopia

84.1270, 50.7164, -73.7794

Trichromacy



Original Color

99.6360, 48.9865, -32.1298

Protanomaly

97.0480, 50.7553, -39.5071

Deuteranomaly

89.6990, 49.9414, -58.4950

Monochromacy



Original Color

99.6360, 48.9865, -32.1298

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.2170, 17.6410, -11.5913

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.6360, 48.9865, -32.1298 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(63, 99, 199)` looks like.

```
.text, #text, p{  
    color:rgb(63, 99, 199)  
}
```

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(63, 99, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 99, 199) }
```

Border

The CSS property to change the border of an element to YUV 99.6360, 48.9865, -32.1298 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(63, 99, 199) }
```

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

```
.border{ border-color:rgb(63, 99, 199) }
```

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

Here you see how a box with a 4 pixel rgb(63, 99, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 99, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 99, 199);  
box-shadow:4px 4px 4px 4px rgb(63, 99,  
199) }
```


Background

The CSS property to change the background color of an element to YUV 99.6360, 48.9865, -32.1298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 99, 199) }
```

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

```
.background{ background-color: rgb(63, 99,  
199) }
```

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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