

Converting Colors

YUV(115.1610, 32.4586,
-51.0072)

Have a look what the booklet for
YUV(115.1610, 32.4586, -51.0072)
contains.

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Color

**YUV(115.1610, 32.4586,
-51.0072)**

Conversions

Conversions Part 1

Format	Color
Hex	3984B5
RGB	57, 132, 181
RGB Percent	22%, 52%, 71%
CMY	0.7765, 0.4824, 0.2902
CMYK	0.69, 0.27, 0.00, 0.29
HSL	204°, 52%, 47%
HSV	204°, 69%, 71%
XYZ	18.2791, 20.7086, 46.7498
YIQ	115.1610, -60.4290, -0.6610

Conversions

Conversions Part 2

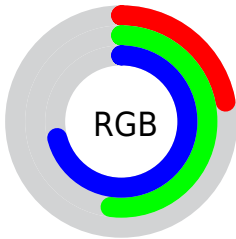
Format	Color
RYB	57, 104, 181
Decimal	3769525
CIELab	52.63, -7.21, -32.56
CIELCh	53, 33.344, 257.518
Yxy	20.7086, 0.2132, 0.2415
Android (android.graphics.Color)	4281959605 (0xFF3984B5)
YUV	115.1610, 32.4586, -51.0072
Hunter-Lab	45.5067, -7.9369, -29.0550

Details

The YUV color **115.1610, 32.4586, -51.0072** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **122.8390, -32.4586, 51.0072**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.8950, 32.5898, -46.3889**, and **63.3130, 31.8907, -55.5255** is the 20% darker color. If you saturate the color by 10%, you get **105.6700, 37.1377, -58.4696**, and if you desaturate by 10%, it is **124.6520, 27.7796, -43.5448**.

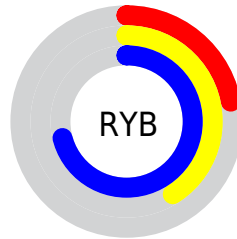
Distribution



Red (22%)

Green (52%)

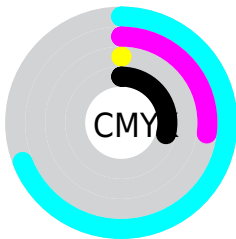
Blue (71%)



Red (22%)

Yellow (41%)

Blue (71%)

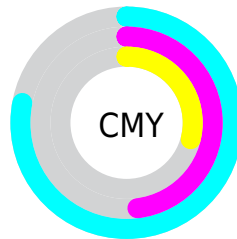


Cyan (69%)

Magenta (27%)

Yellow (0%)

Black (29%)



Cyan (78%)

Magenta (48%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.1610, 32.4586, -51.0072 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 115.1610, 32.4586, -51.0072 by changing the saturation by 10% instead.

■ 115.1610, 32.4586,
-51.0072

■ 115.1610, 32.4586,
-51.0072

■ 255.0000, 0.0000,
0.0000

■ 84.2520, 34.3858,
-62.4880

■ 170.8950, 32.5898,
-46.3889

■ 63.3130, 31.8907,
-55.5255

■ 197.7550, 28.2218,
-45.3891

■ 46.9620, 27.6267,
-41.1857

■ 222.8620, 15.8440,
-41.9750

■ 31.1980, 23.0734,
-27.3606

■ 240.0500, 7.3704,
-30.7388

■ 16.8360, 18.8149,
-14.7652

■ 248.7210, 3.0955,
-12.9103

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 115.1610, 32.4586,
-51.0072

■ 115.1610, 32.4586,
-51.0072

■ 105.6700, 37.1377,
-58.4696

■ 124.6520, 27.7796,
-43.5448

■ 96.1790, 41.8168,
-65.9320

■ 134.1430, 23.1005,
-36.0824

■ 86.6880, 46.4958,
-73.3944

■ 143.6340, 18.4214,
-28.6200

■ 84.6170, 47.5168,
-74.2091

■ 153.7120, 13.4530,
-21.6724

■ 163.5020, 8.6265,
-13.5953

■ 172.9930, 3.9475,
-6.1329

■ 182.4840, -0.7316,
1.3295

■ 191.9750, -5.4107,
8.7919

■ 201.4660,
-10.0897, 16.2543

Harmonies

Analogous

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



100.0440, 33.0093, -87.7386



115.1610, 32.4586, -51.0072



125.6110, 26.8138, -13.6908

Triad

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



115.1610, 32.4586, -51.0072



127.1200, -8.4402, 47.2528



118.0410, -15.7962, -20.2070

Complementary

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



115.1610, 32.4586, -51.0072



122.8390, -32.4586, 51.0072

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.



121.6760, -25.4763, 4.6691



115.1610, 32.4586, -51.0072



126.2860, -20.3540, 41.8452

Square

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



115.1610, 32.4586, -51.0072



128.6210, 5.1168, 38.9204



124.3520, -27.2885, 26.0013



111.3930, 0.2993, -49.4567

Rectangle

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



115.1610, 32.4586, -51.0072



128.2610, 21.0703, 8.5411



124.3520, -27.2885, 26.0013



119.3580, -19.8965, -11.7150

Sweetspot

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



115.1610, 32.4586, -51.0072



208.3100, 13.1582, -20.4429



135.2600, -14.9182, -68.6340



101.8720, 7.4581, -12.1657



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.



115.1610, 32.4586, -51.0072



132.6810, 50.4433, -79.5272



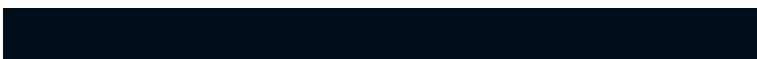
79.3540, 50.1115, -19.6045



84.5480, 2.1948, -3.9886



72.0330, 39.9167, -63.1729



11.7690, 7.0159, -10.3214

Inverse Universe

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



102.6260, 14.4814, 68.7340



113.0450, 22.6558, 106.9545



158.6460, -50.1115, 19.6045



83.3750, 1.2941, 4.9331



56.3490, 18.0689, 84.7629



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 115.1610, 32.4586, -51.0072 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 115.1610, 32.4586, -51.0072 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

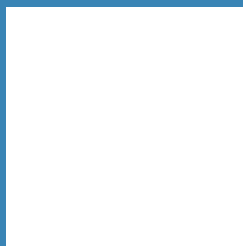
Any Text WCAG AAA × Fail

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

YUV 115.1610, 32.4586, -51.0072 Background



This preview shows how black text looks on a background with the YUV color 115.1610, 32.4586, -51.0072.

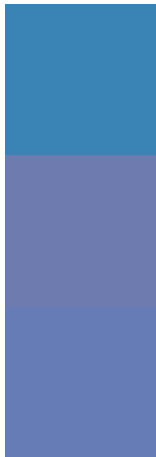


This preview shows how white text looks on a background with the YUV color 115.1610, 32.4586, -51.0072.

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

115.1610, 32.4586, -51.0072

Protanopia

124.6280, 24.3404, -13.7058

Deuteranopia

123.8490, 29.1614, -20.0386



Tritanopia

108.7560, 19.8403, -63.8070

Trichromacy



Original Color

115.1610, 32.4586, -51.0072

Protanomaly

121.0500, 27.5834, -27.2308

Deuteranomaly

120.7120, 30.2150, -31.3194

Tritanomaly

111.3420, 24.4814, -59.0589

Monochromacy



Original Color

115.1610, 32.4586, -51.0072

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.9790, 11.8424, -18.3986

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.1610, 32.4586, -51.0072 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(57, 132, 181)` looks like.

```
.text, #text, p{  
    color:rgb(57, 132, 181)  
}
```

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(57, 132, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 132, 181) }
```

Border

The CSS property to change the border of an element to YUV 115.1610, 32.4586, -51.0072 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(57, 132, 181) }
```


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

```
.border{ border-color:rgb(57, 132, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 132, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 132, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 132, 181);  
box-shadow:4px 4px 4px 4px rgb(57, 132,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 115.1610, 32.4586, -51.0072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 132, 181) }
```

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

```
.background{ background-color: rgb(57, 132,  
181) }
```

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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