

Converting Colors

YUV(117.9390, 32.5681,
-39.4115)

Have a look what the booklet for
YUV(117.9390, 32.5681, -39.4115)
contains.

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Color

**YUV(117.9390, 32.5681,
-39.4115)**

Conversions

Conversions Part 1

Format	Color
Hex	4980B8
RGB	73, 128, 184
RGB Percent	29%, 50%, 72%
CMY	0.7137, 0.4980, 0.2784
CMYK	0.60, 0.30, 0.00, 0.28
HSL	210°, 44%, 50%
HSV	210°, 60%, 72%
XYZ	19.1186, 20.3155, 48.2610
YIQ	117.9390, -50.7560, 5.7560

Conversions

Conversions Part 2

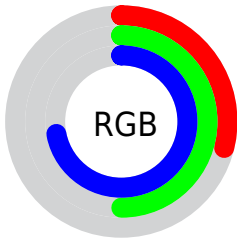
Format	Color
R _Y B	73, 110, 184
Decimal	4817080
CIE Lab	52.19, -0.97, -34.92
CIE LCh	52, 34.931, 268.407
Yxy	20.3155, 0.2180, 0.2317
Android (android.graphics.Color)	4283007160 (0xFF4980B8)
YUV	117.9390, 32.5681, -39.4115
Hunter-Lab	45.0727, -3.1627, -31.9331

Details

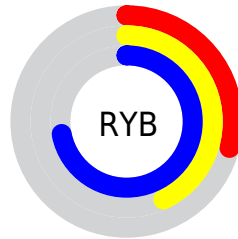
The YUV color **117.9390, 32.5681, -39.4115** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **139.0610, -32.5681, 39.4115**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4770, 33.2888, -37.2523**, and **61.3070, 34.3586, -53.7662** is the 20% darker color. If you saturate the color by 10%, you get **107.2740, 37.8259, -45.8443**, and if you desaturate by 10%, it is **128.6040, 27.3102, -32.9787**.

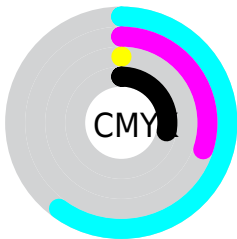
Distribution



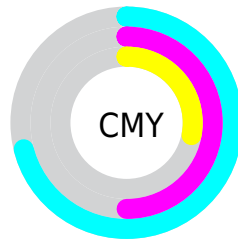
- Red (29%)
- Green (50%)
- Blue (72%)



- Red (29%)
- Yellow (43%)
- Blue (72%)



- Cyan (60%)
- Magenta (30%)
- Yellow (0%)
- Black (28%)



- Cyan (71%)
- Magenta (50%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.9390, 32.5681, -39.4115 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 117.9390, 32.5681, -39.4115 by changing the saturation by 10% instead.

■ 117.9390, 32.5681,
-39.4115

■ 117.9390, 32.5681,
-39.4115

■ 255.0000, 0.0000,
0.0000

■ 90.6180, 32.7263,
-43.5150

■ 172.4770, 33.2888,
-37.2523

■ 61.3070, 34.3586,
-53.7662

■ 198.7070, 27.7524,
-34.8230

■ 45.4290, 29.3685,
-39.8412

■ 223.5150, 15.5221,
-32.0237

■ 30.3660, 24.9626,
-26.6310

■ 243.6380, 5.6015,
-23.3615

■ 14.1290, 21.1354,
-12.3911

■ 252.3090, 1.3267,
-5.5330

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 117.9390, 32.5681,
-39.4115

■ 117.9390, 32.5681,
-39.4115

■ 107.2740, 37.8259,
-45.8443

■ 128.6040, 27.3102,
-32.9787

■ 95.7230, 43.5206,
-52.3771

■ 140.1550, 21.6156,
-26.4459

■ 85.0580, 48.7784,
-58.8099

■ 150.8200, 16.3577,
-20.0131

■ 74.3930, 54.0363,
-65.2427

■ 161.7840, 10.9525,
-12.9656

■ 172.4490, 5.6946,
-6.5328

■ 183.7010, 0.1474,
-0.6148

■ 194.6650, -5.2578,
6.4328

■ 205.3300,
-10.5157, 12.8656

■ 216.8810,
-16.2103, 19.3984

Harmonies

Analogous

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



99.7820, 37.0825, -87.5088



117.9390, 32.5681, -39.4115



126.2320, 25.0286, -1.0805

Triad

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



117.9390, 32.5681, -39.4115



125.7520, -13.6817, 48.4525



114.2290, -10.9589, -31.7728

Complementary

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



117.9390, 32.5681, -39.4115



139.0610, -32.5681, 39.4115

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.



118.9630, -24.1388, -4.3526



117.9390, 32.5681, -39.4115



124.4120, -24.8531, 38.2267

Square

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



117.9390, 32.5681, -39.4115



126.6990, 0.1484, 45.8680



122.2650, -28.7246, 19.9386



102.9650, 9.3843, -70.1293

Rectangle

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



117.9390, 32.5681, -39.4115



128.1160, 17.6908, 19.1923



122.2650, -28.7246, 19.9386



116.6170, -16.0802, -22.4661

Sweetspot

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



117.9390, 32.5681, -39.4115



214.2290, 12.7051, -15.1098



144.5410, -7.6617, -62.7415



104.2960, 7.7421, -9.9066



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



117.9390, 32.5681, -39.4115



137.2040, 50.6784, -61.5689



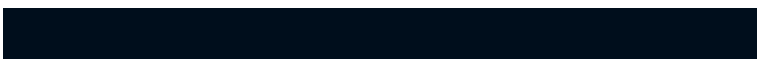
85.6540, 48.4846, -11.0976



86.3740, 2.7736, -2.9590



62.9830, 45.8574, -55.2361



11.4100, 8.1789, -10.0066

Inverse Universe

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



112.4590, 7.6617, 62.7415



128.5310, 12.0632, 97.7583



171.3460, -48.4846, 11.0976



86.1470, 0.4205, 5.1331



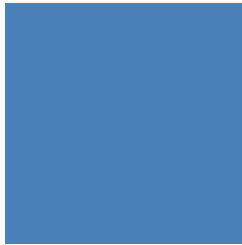
55.4220, 10.6380, 88.2069



9.9680, 1.9878, 15.8141

Previews

White Background



This preview shows how the YUV color 117.9390, 32.5681, -39.4115 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 117.9390, 32.5681, -39.4115 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 117.9390, 32.5681, -39.4115

Background



This preview shows how black text looks on a background with the YUV color 117.9390, 32.5681, -39.4115.

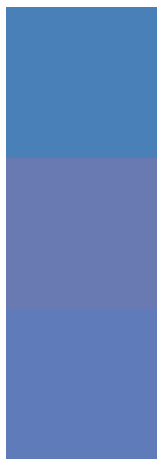


This preview shows how white text looks on a background with the YUV color 117.9390, 32.5681, -39.4115.

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

117.9390, 32.5681, -39.4115

Protanopia

123.4150, 27.4034, -16.1500

Deuteranopia

121.9950, 31.0615, -22.7976



Tritanopia

112.6330, 16.4499, -49.6671

Trichromacy



Original Color

117.9390, 32.5681, -39.4115

Protanomaly

121.2290, 29.4671, -24.7568

Deuteranomaly

120.7770, 31.6619, -28.7454

Tritanomaly

114.2620, 22.5488, -45.8338

Monochromacy



Original Color

117.9390, 32.5681, -39.4115

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.3000, 11.6841, -14.2951

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.9390, 32.5681, -39.4115 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(73, 128, 184)` looks like.

```
.text, #text, p{  
    color:rgb(73, 128, 184)  
}
```

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(73, 128, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 128, 184) }
```

Border

The CSS property to change the border of an element to YUV 117.9390, 32.5681, -39.4115 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(73, 128, 184) }
```


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

```
.border{ border-color:rgb(73, 128, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 128, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 128, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 128, 184);  
box-shadow:4px 4px 4px 4px rgb(73, 128,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 117.9390, 32.5681, -39.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 128, 184) }
```

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

```
.background{ background-color: rgb(73, 128,  
184) }
```

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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