

Converting Colors

YUV(115.6390, 13.9820,
-51.4264)

Have a look what the booklet for
YUV(115.6390, 13.9820, -51.4264)
contains.

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Color

**YUV(115.6390, 13.9820,
-51.4264)**

Conversions

Conversions Part 1

Format	Color
Hex	398C90
RGB	57, 140, 144
RGB Percent	22%, 55%, 56%
CMY	0.7765, 0.4510, 0.4353
CMYK	0.60, 0.03, 0.00, 0.44
HSL	183°, 43%, 39%
HSV	183°, 60%, 56%
XYZ	16.0995, 21.6396, 29.7139
YIQ	115.6390, -50.7520, -16.3520

Conversions

Conversions Part 2

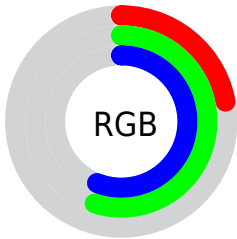
Format	Color
RYB	57, 99, 144
Decimal	3771536
CIELab	53.64, -23.54, -9.65
CIELCh	54, 25.438, 202.302
Yxy	21.6396, 0.2387, 0.3208
Android (android.graphics.Color)	4281961616 (0xFF398C90)
YUV	115.6390, 13.9820, -51.4264
Hunter-Lab	46.5184, -19.6305, -5.3089




Details

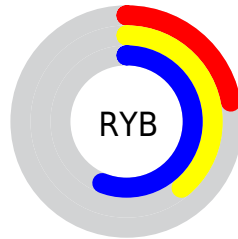
The YUV color **115.6390, 13.9820, -51.4264** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **85.3610, -13.9820, 51.4264**, and the grayscale version is **116.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **170.5360, 13.5398, -49.5821**, and **62.9590, 15.3032, -55.2150** is the 20% darker color. If you saturate the color by 10%, you get **110.8660, 16.3351, -59.5185**, and if you desaturate by 10%, it is **120.4120, 11.6289, -43.3343**.

Distribution







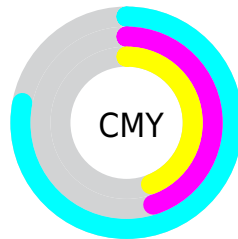
-  Red (22%)
-  Green (55%)
-  Blue (56%)






-  Red (22%)
-  Yellow (39%)
-  Blue (56%)



-  Cyan (60%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (44%)



-  Cyan (78%)
-  Magenta (45%)
-  Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.6390, 13.9820, -51.4264 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 115.6390, 13.9820, -51.4264 by changing the saturation by 10% instead.

■ 115.6390, 13.9820,
-51.4264

■ 115.6390, 13.9820,
-51.4264

■ 255.0000, 0.0000,
0.0000

■ 87.2470, 15.1612,
-56.3446

■ 170.5360, 13.5398,
-49.5821

■ 62.9590, 15.3032,
-55.2150

■ 198.5360, 13.5398,
-49.5821

■ 46.7220, 11.4761,
-40.9752

■ 227.1230, 13.2504,
-50.0969

■ 30.7130, 8.5225,
-26.9353

■ 237.9570, 8.4022,
-35.0423

■ 15.9920, 5.4269,
-14.0250

■ 246.9270, 3.9800,
-16.5990

■ 0.0000, 0.0000,
0.0000

■ 115.6390, 13.9820,
-51.4264

■ 115.6390, 13.9820,
-51.4264

■ 110.8660, 16.3351,
-59.5185

■ 120.4120, 11.6289,
-43.3343

■ 106.3810, 18.5462,
-68.7401

■ 124.8970, 9.4178,
-34.1127

■ 101.6080, 20.8993,
-76.8322

■ 129.6700, 7.0647,
-26.0206

■ 96.8350, 23.2523,
-84.9243

■ 134.7420, 4.5642,
-17.3137

■ 138.9280, 2.5005,
-8.7069

■ 143.7010, 0.1474,
-0.6148

■ 148.7730, -2.3531,
8.0921

■ 152.9590, -4.4168,

16.6990

■ 158.0310, -6.9173,
25.4058

Harmonies

Analogous

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



118.8120, 1.5717, -37.5461



115.6390, 13.9820, -51.4264



117.4250, 21.9755, -48.6077

Triad

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



115.6390, 13.9820, -51.4264



131.4980, 11.5865, 17.1033



127.6160, -21.0097, 18.7538

Complementary

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



115.6390, 13.9820, -51.4264



85.3610, -13.9820, 51.4264

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.



129.3170, -17.4113, 31.2940



115.6390, 13.9820, -51.4264



131.0670, 1.9390, 31.5132

Square

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



115.6390, 13.9820, -51.4264



129.4180, 19.5139, -5.6286



130.6410, -8.6970, 36.2718



125.3750, -18.9189, 1.4251

Rectangle

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



115.6390, 13.9820, -51.4264



121.8440, 23.2479, -36.6972



130.6410, -8.6970, 36.2718



127.8770, -20.1524, 23.7869

Sweetspot

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



115.6390, 13.9820, -51.4264



175.5460, 5.1538, -19.7728



108.4110, -23.8666, -45.0874



87.4330, 3.2375, -11.7807



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



115.6390, 13.9820, -51.4264



141.8140, 21.7837, -80.5209



90.9850, 26.1364, -29.8048



68.9070, 1.0318, -4.3034



91.1130, 21.6363, -79.9061



5.0210, 1.4686, -4.4034

Inverse Universe

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



92.4750, 23.4298, 45.1874



105.4840, 36.7364, 70.6125



110.0150, -26.1364, 29.8048



66.8910, 2.0257, 3.6036



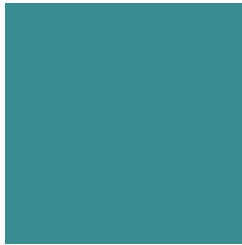
55.0710, 36.4470, 70.0977



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 115.6390, 13.9820, -51.4264 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 115.6390, 13.9820, -51.4264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

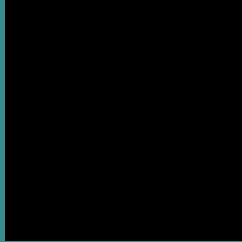
Any Text WCAG AA ✓ Pass

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 115.6390, 13.9820, -51.4264 Background



This preview shows how black text looks on a background with the YUV color 115.6390, 13.9820, -51.4264.



This preview shows how white text looks on a background with the YUV color 115.6390, 13.9820,

-51.4264.

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

115.6390, 13.9820, -51.4264

Protanopia

128.0260, 3.9312, -0.8998

Deuteranopia

128.4160, 9.1619, 1.3892



Tritanopia

116.6330, 16.4499, -49.6671

Trichromacy



Original Color

115.6390, 13.9820, -51.4264

Protanomaly

123.8280, 7.4798, -19.1432

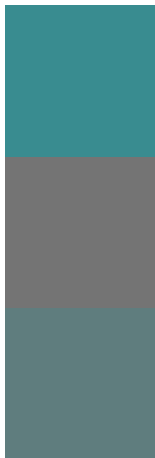
Deuteranomaly

123.7510, 10.9688, -18.1986

Tritanomaly

116.1060, 15.7237, -50.0820

Monochromacy



Original Color

115.6390, 13.9820, -51.4264

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1440, 4.8590, -18.5433

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.6390, 13.9820, -51.4264 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, 140, 144)` looks like.

```
.text, #text, p{  
    color:rgb(57, 140, 144)  
}
```

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, 140, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 140, 144) }
```

Border

The CSS property to change the border of an element to YUV 115.6390, 13.9820, -51.4264 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, 140, 144) }
```


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

```
.border{ border-color:rgb(57, 140, 144) }
```

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

Here you see how a box with a 4 pixel rgb(57, 140, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 140, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 140, 144);  
box-shadow:4px 4px 4px 4px rgb(57, 140,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 115.6390, 13.9820, -51.4264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 140, 144) }
```

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

```
.background{ background-color: rgb(57, 140,  
144) }
```

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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