

Converting Colors

YUV(114.8150, 23.7552,
-59.4738)

Have a look what the booklet for
YUV(114.8150, 23.7552, -59.4738)
contains.

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Color

**YUV(114.8150, 23.7552,
-59.4738)**

Conversions

Conversions Part 1

Format	Color
Hex	2F8CA3
RGB	47, 140, 163
RGB Percent	18%, 55%, 64%
CMY	0.8157, 0.4510, 0.3608
CMYK	0.71, 0.14, 0.00, 0.36
HSL	192°, 55%, 41%
HSV	192°, 71%, 64%
XYZ	17.1612, 22.0048, 37.9932
YIQ	114.8150, -62.8110, -12.5630

Conversions

Conversions Part 2

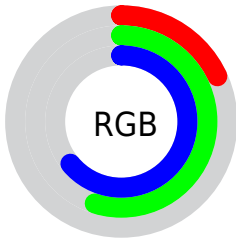
Format	Color
R_{YB}	47, 99, 163
Decimal	3116195
CIE _{Lab}	54.03, -19.26, -20.06
CIE _{LCh}	54, 27.809, 226.160
Yxy	22.0048, 0.2224, 0.2852
Android (android.graphics.Color)	4281306275 (0xFF2F8CA3)
YUV	114.8150, 23.7552, -59.4738
Hunter-Lab	46.9093, -16.7892, -15.1841

Details

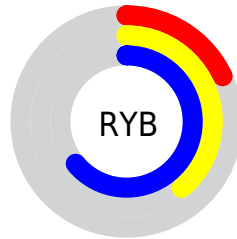
The YUV color **114.8150, 23.7552, -59.4738** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **95.1850, -23.7552, 59.4738**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.3210, 23.0127, -54.6555**, and **65.4840, 22.4394, -57.4295** is the 20% darker color. If you saturate the color by 10%, you get **108.2700, 26.9819, -67.7658**, and if you desaturate by 10%, it is **121.3600, 20.5285, -51.1817**.

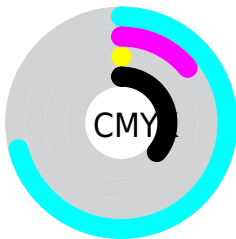
Distribution



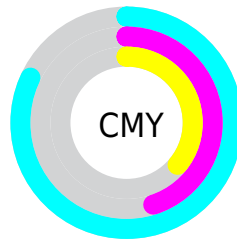
- Red (18%)
- Green (55%)
- Blue (64%)



- Red (18%)
- Yellow (39%)
- Blue (64%)



- Cyan (71%)
- Magenta (14%)
- Yellow (0%)
- Black (36%)



- Cyan (82%)
- Magenta (45%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.8150, 23.7552, -59.4738 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 114.8150, 23.7552, -59.4738 by changing the saturation by 10% instead.

■ 114.8150, 23.7552,
-59.4738

■ 114.8150, 23.7552,
-59.4738

■ 255.0000, 0.0000,
0.0000

■ 82.5360, 26.8508,
-72.3841

■ 171.3210, 23.0127,
-54.6555

■ 65.4840, 22.4394,
-57.4295

■ 199.3210, 23.0127,
-54.6555

■ 48.6600, 18.9016,
-42.6748

■ 225.4540, 14.5662,
-52.1412

■ 33.0100, 14.7851,
-28.9498

■ 237.0600, 8.8444,
-36.8866

■ 18.7620, 10.9633,
-16.4543

■ 246.0300, 4.4222,
-18.4433

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 114.8150, 23.7552,
-59.4738

■ 114.8150, 23.7552,
-59.4738

■ 108.2700, 26.9819,
-67.7658

■ 121.3600, 20.5285,
-51.1817

■ 101.4260, 30.3560,
-76.6726

■ 128.2040, 17.1544,
-42.2749

■ 95.4790, 33.2879,
-83.7351

■ 135.3360, 13.6384,
-34.4977

■ 141.8810, 10.4117,
-26.2056

■ 148.7250, 7.0376,
-17.2988

■ 155.2700, 3.8109,
-9.0068

■ 162.4020, 0.2948,
-1.2296

■ 168.9470, -2.9319,
7.0625

■ 175.7910, -6.3060,
15.9693

Harmonies

Analogous

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



114.1930, 13.7089, -57.1743



114.8150, 23.7552, -59.4738



122.5170, 25.8741, -39.0414

Triad

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



114.8150, 23.7552, -59.4738



132.3490, 4.2649, 32.1429



126.4140, -21.4031, 4.8989

Complementary

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



114.8150, 23.7552, -59.4738



95.1850, -23.7552, 59.4738

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.



128.5950, -22.4783, 23.1572



114.8150, 23.7552, -59.4738



131.4180, -7.1081, 39.9754

Square

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



114.8150, 23.7552, -59.4738



132.1000, 15.2337, 13.9443



130.1650, -16.8433, 35.8123



123.2310, -13.9179, -15.9886

Rectangle

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



114.8150, 23.7552, -59.4738



127.5840, 24.3621, -20.6832



130.1650, -16.8433, 35.8123



127.1160, -22.7352, 12.1763

Sweetspot

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



114.8150, 23.7552, -59.4738



193.2620, 9.2378, -23.0318



117.4860, -24.3966, -61.8162



95.9920, 5.4269, -14.0250



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



114.8150, 23.7552, -59.4738



137.0480, 36.9513, -92.1271



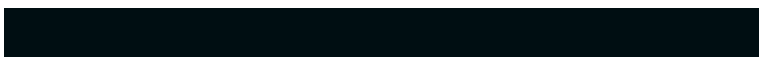
81.9430, 39.9611, -30.6450



78.1350, 1.9054, -4.5034



85.2090, 29.4770, -74.7283



10.2700, 3.8109, -9.0068

Inverse Universe

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



92.2860, 23.5230, 62.0162



102.2360, 36.3657, 96.2630



128.0570, -39.9611, 30.6450



76.4890, 1.7309, 4.8331



56.6930, 29.7314, 77.4452



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 114.8150, 23.7552, -59.4738 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 114.8150, 23.7552, -59.4738 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 114.8150, 23.7552, -59.4738

Background



This preview shows how black text looks on a background with the YUV color 114.8150, 23.7552, -59.4738.



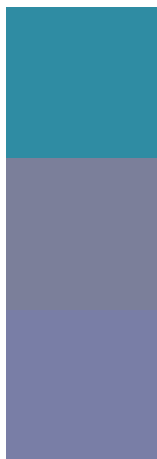
This preview shows how white text looks on a background with the YUV color 114.8150, 23.7552, -59.4738.

-59.4738.

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

114.8150, 23.7552, -59.4738

Protanopia

128.8820, 12.3832, -5.1585

Deuteranopia

129.0650, 18.2090, -7.0730



Tritanopia

112.7560, 19.8403, -63.8070

Trichromacy



Original Color

114.8150, 23.7552, -59.4738

Protanomaly

123.7870, 16.3740, -25.2462

Deuteranomaly

123.8130, 20.3052, -26.1460

Tritanomaly

113.5220, 21.4347, -61.8478

Monochromacy



Original Color

114.8150, 23.7552, -59.4738

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.7460, 8.5062, -21.7022

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.8150, 23.7552, -59.4738 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(47, 140, 163)` looks like.

```
.text, #text, p{  
    color:rgb(47, 140, 163)  
}
```

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(47, 140, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 140, 163) }
```

Border

The CSS property to change the border of an element to YUV 114.8150, 23.7552, -59.4738 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(47, 140, 163) }
```


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

```
.border{ border-color:rgb(47, 140, 163) }
```

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

Here you see how a box with a 4 pixel rgb(47, 140, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 140, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 140, 163);  
box-shadow:4px 4px 4px 4px rgb(47, 140,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 114.8150, 23.7552, -59.4738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 140, 163) }
```

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

```
.background{ background-color: rgb(47, 140,  
163) }
```

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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