

Converting Colors

YUV(114.7820, 23.7715,
-64.7068)

Have a look what the booklet for
YUV(114.7820, 23.7715, -64.7068)
contains.

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Color

**YUV(114.7820, 23.7715,
-64.7068)**

Conversions

Conversions Part 1

Format	Color
Hex	298FA3
RGB	41, 143, 163
RGB Percent	16%, 56%, 64%
CMY	0.8392, 0.4392, 0.3608
CMYK	0.75, 0.12, 0.00, 0.36
HSL	190°, 60%, 40%
HSV	190°, 75%, 64%
XYZ	17.3478, 22.7607, 38.1293
YIQ	114.7820, -67.2120, -15.4040

Conversions

Conversions Part 2

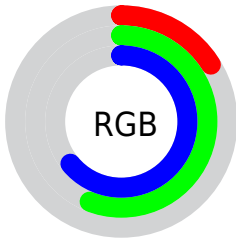
Format	Color
R_{YB}	41, 97, 163
Decimal	2723747
CIE _{Lab}	54.82, -21.66, -18.86
CIE _{LCh}	55, 28.719, 221.047
Yxy	22.7607, 0.2217, 0.2909
Android (android.graphics.Color)	4280913827 (0xFF298FA3)
YUV	114.7820, 23.7715, -64.7068
Hunter-Lab	47.7082, -18.5826, -13.9900

Details

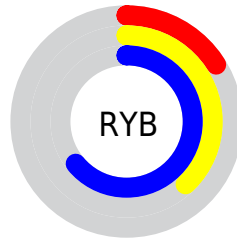
The YUV color **114.7820, 23.7715, -64.7068** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **89.2180, -23.7715, 64.7068**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8860, 22.7342, -58.6590**, and **66.6580, 21.8606, -58.4591** is the 20% darker color. If you saturate the color by 10%, you get **108.2370, 26.9982, -72.9988**, and if you desaturate by 10%, it is **121.3270, 20.5448, -56.4148**.

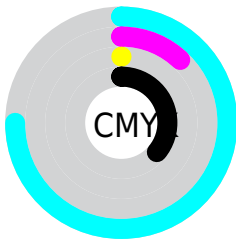
Distribution



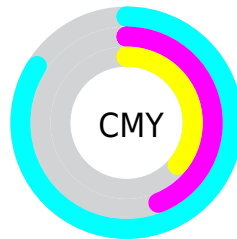
- Red (16%)
- Green (56%)
- Blue (64%)



- Red (16%)
- Yellow (38%)
- Blue (64%)



- Cyan (75%)
- Magenta (12%)
- Yellow (0%)
- Black (36%)



- Cyan (84%)
- Magenta (44%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.7820, 23.7715, -64.7068 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 114.7820, 23.7715, -64.7068 by changing the saturation by 10% instead.

■ 114.7820, 23.7715,
-64.7068

■ 114.7820, 23.7715,
-64.7068

■ 255.0000, 0.0000,
0.0000

■ 84.2970, 25.9826,
-73.9285

■ 171.8860, 22.7342,
-58.6590

■ 66.6580, 21.8606,
-58.4591

■ 200.1850, 22.5868,
-58.0442

■ 50.4210, 18.0334,
-44.2192

■ 226.9050, 13.8508,
-56.0447

■ 34.1840, 14.2063,
-29.9794

■ 236.4620, 9.1392,
-38.1162

■ 20.5230, 10.0952,
-17.9987

■ 245.1330, 4.8644,
-20.2876

■ 2.9810, 8.8834,
-2.6143

■ 254.1030, 0.4422,

■ 0.0000, 0.0000,

-1.8443

0.0000

■ 114.7820, 23.7715,
-64.7068

■ 114.7820, 23.7715,
-64.7068

■ 108.2370, 26.9982,
-72.9988

■ 121.3270, 20.5448,
-56.4148

■ 101.9800, 30.0829,
-82.4205

■ 127.5840, 17.4601,
-46.9932

■ 98.4140, 31.8409,
-86.3091

■ 134.1290, 14.2334,
-38.7011

■ 140.6740, 11.0067,
-30.4091

■ 146.6320, 8.0694,
-21.6023

■ 153.4760, 4.6953,
-12.6955

■ 160.0210, 1.4686,
-4.4034

■ 165.9790, -1.4686,
4.4034

■ 172.8230, -4.8427,
13.3102

Harmonies

Analogous

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



116.3240, 11.6723, -57.2891



114.7820, 23.7715, -64.7068



122.5270, 27.3482, -45.1892

Triad

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



114.7820, 23.7715, -64.7068



134.6200, 6.5963, 31.0283



128.9800, -23.1611, 8.7875

Complementary

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



114.7820, 23.7715, -64.7068



89.2180, -23.7715, 64.7068

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.



130.9160, -22.6366, 27.2607



114.7820, 23.7715, -64.7068



133.5860, -5.2189, 40.7051

Square

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



114.7820, 23.7715, -64.7068



133.9470, 17.2811, 10.5705



132.1160, -15.8332, 38.4863



125.3840, -15.9653, -12.6148

Rectangle

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



114.7820, 23.7715, -64.7068



128.0070, 26.1255, -26.3161



132.1160, -15.8332, 38.4863



129.4970, -23.9090, 15.3501

Sweetspot

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



114.7820, 23.7715, -64.7068



193.2510, 9.2433, -24.7761



114.6660, -27.4433, -64.6051



96.2800, 5.2850, -15.1546



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.



114.7820, 23.7715, -64.7068



136.1070, 37.4152, -100.9488



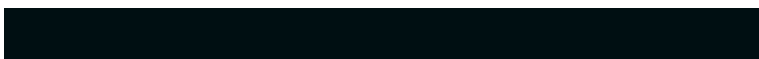
80.1490, 40.8455, -34.3337



78.1350, 1.9054, -4.5034



88.1440, 28.0300, -77.3023



10.8570, 3.5215, -9.5216

Inverse Universe

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



89.1060, 26.5697, 64.8050



96.2350, 41.2961, 101.5259



123.8510, -40.8455, 34.3337



76.4890, 1.7309, 4.8331



57.2630, 31.9153, 76.9453



7.0920, 3.8986, 9.5663

Previews

White Background



This preview shows how the YUV color 114.7820, 23.7715, -64.7068 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 114.7820, 23.7715, -64.7068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

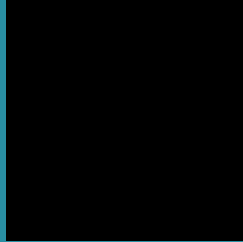
Any Text WCAG AA ✓ Pass

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 114.7820, 23.7715, -64.7068 Background



This preview shows how black text looks on a background with the YUV color 114.7820, 23.7715, -64.7068.

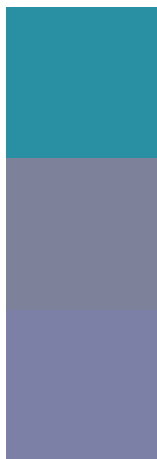


This preview shows how white text looks on a background with the YUV color 114.7820, 23.7715,

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

114.7820, 23.7715, -64.7068

Protanopia

130.9530, 11.3622, -4.3438

Deuteranopia

131.1360, 17.1880, -6.2583



Tritanopia

112.7770, 21.3089, -68.2104

Trichromacy



Original Color

114.7820, 23.7715, -64.7068

Protanomaly

124.9610, 15.7952, -26.2758

Deuteranomaly

124.9870, 19.7264, -27.1756

Tritanomaly

113.7170, 22.3245, -67.2808

Monochromacy



Original Color

114.7820, 23.7715, -64.7068

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.7350, 8.5116, -23.4466

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.7820, 23.7715, -64.7068 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(41, 143, 163)` looks like.

```
.text, #text, p{  
    color:rgb(41, 143, 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(41, 143, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 143, 163) }
```

Border

The CSS property to change the border of an element to YUV 114.7820, 23.7715, -64.7068 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(41, 143, 163) }
```


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

```
.border{ border-color:rgb(41, 143, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 143, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 143, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 143, 163);  
box-shadow:4px 4px 4px 4px rgb(41, 143,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 114.7820, 23.7715, -64.7068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 143, 163) }
```

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

```
.background{ background-color: rgb(41, 143,  
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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