

Converting Colors

YUV(118.1620, 40.8391,
-79.0721)

Have a look what the booklet for
YUV(118.1620, 40.8391, -79.0721)
contains.

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Color

**YUV(118.1620, 40.8391,
-79.0721)**

Conversions

Conversions Part 1

Format	Color
Hex	1C94C9
RGB	28, 148, 201
RGB Percent	11%, 58%, 79%
CMY	0.8902, 0.4196, 0.2118
CMYK	0.86, 0.26, 0.00, 0.21
HSL	198°, 76%, 45%
HSV	198°, 86%, 79%
XYZ	21.6114, 25.6437, 59.0690
YIQ	118.1620, -88.5330, -8.9570

Conversions

Conversions Part 2

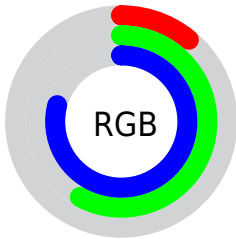
Format	Color
R_{YB}	28, 99, 201
Decimal	1873097
CIE _{Lab}	57.70, -12.48, -36.05
CIE _{LCh}	58, 38.152, 250.900
Yxy	25.6437, 0.2033, 0.2412
Android (android.graphics.Color)	4280063177 (0xFF1C94C9)
YUV	118.1620, 40.8391, -79.0721
Hunter-Lab	50.6396, -12.4412, -33.7116

Details

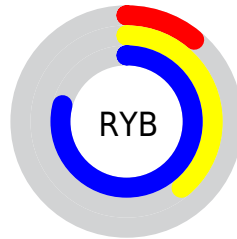
The YUV color **118.1620, 40.8391, -79.0721** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **110.8380, -40.8391, 79.0721**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.3380, 37.3014, -64.3174**, and **73.6970, 36.1384, -64.6323** is the 20% darker color. If you saturate the color by 10%, you get **108.6600, 45.5236, -88.2788**, and if you desaturate by 10%, it is **127.6640, 36.1546, -69.8653**.

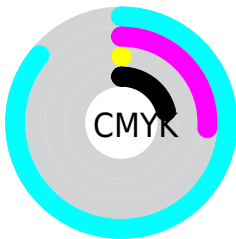
Distribution



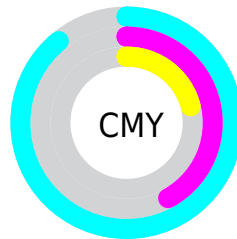
- Red (11%)
- Green (58%)
- Blue (79%)



- Red (11%)
- Yellow (39%)
- Blue (79%)



- Cyan (86%)
- Magenta (26%)
- Yellow (0%)
- Black (21%)



- Cyan (89%)
- Magenta (42%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.1620, 40.8391, -79.0721 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 118.1620, 40.8391, -79.0721 by changing the saturation by 10% instead.

■ 118.1620, 40.8391,
-79.0721

■ 118.1620, 40.8391,
-79.0721

■ 255.0000, 0.0000,
0.0000

■ 91.3360, 40.2604,
-80.1017

■ 179.3380, 37.3014,
-64.3174

■ 73.6970, 36.1384,
-64.6323

■ 205.0430, 24.6288,
-59.6737

■ 57.2320, 31.4376,
-50.1925

■ 228.6880, 12.9718,
-54.1004

■ 40.8810, 27.1737,
-35.8526

■ 237.9570, 8.4022,
-35.0423

■ 26.4050, 22.4783,
-23.1572

■ 246.9270, 3.9800,
-16.5990

■ 7.9340, 20.2455,
-6.9581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 118.1620, 40.8391,
-79.0721

■ 118.1620, 40.8391,
-79.0721

■ 108.6600, 45.5236,
-88.2788

■ 127.6640, 36.1546,
-69.8653

■ 104.5070, 47.5710,
-91.6526

■ 137.1660, 31.4702,
-60.6586

■ 146.6680, 26.7857,
-51.4518

■ 156.7570, 21.8118,
-42.7599

■ 166.5580, 16.9799,
-32.9384

■ 176.0600, 12.2954,
-23.7316

■ 185.5620, 7.6109,
-14.5249

■ 195.0640, 2.9264,
-5.3181

■ 204.5660, -1.7580,
3.8886

Harmonies

Analogous

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



111.0320, 34.4942, -97.3751



118.1620, 40.8391, -79.0721



136.2550, 33.3983, -25.6566

Triad

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



118.1620, 40.8391, -79.0721



140.7340, -6.2779, 53.7303



130.5700, -21.4800, -17.1629

Complementary

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



118.1620, 40.8391, -79.0721



110.8380, -40.8391, 79.0721

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.



135.1130, -31.6077, 11.3019



118.1620, 40.8391, -79.0721



139.2270, -20.8179, 50.6669

Square

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



118.1620, 40.8391, -79.0721



142.3700, 9.1846, 40.8945



137.3100, -30.2258, 34.8081



123.3560, -3.6265, -50.3012

Rectangle

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



118.1620, 40.8391, -79.0721



141.4110, 26.9124, 1.3936



137.3100, -30.2258, 34.8081



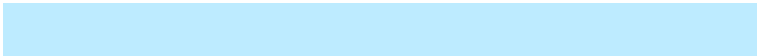
132.4850, -25.8751, -7.4413

Sweetspot

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



118.1620, 40.8391, -79.0721



223.5260, 15.5167, -30.2793



135.4790, -27.3511, -94.2591



108.4090, 9.6584, -17.8987



0.0000, 0.0000, 0.0000



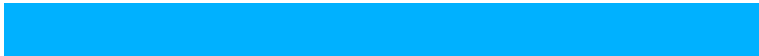
128.0000, 0.0000, 0.0000

Same Dimension

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



118.1620, 40.8391, -79.0721



132.9690, 60.1613, -116.6138



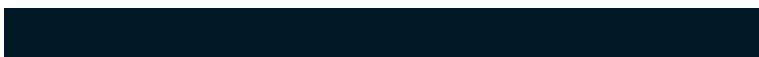
68.2670, 65.4374, -35.3142



94.5480, 2.1948, -3.9886



84.9130, 38.4969, -74.4687



18.7790, 8.4900, -16.4692

Inverse Universe

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



93.4070, 26.9143, 94.3591



96.4230, 39.7245, 139.0720



160.7330, -65.4374, 35.3142



93.3750, 1.2941, 4.9331



61.6190, 25.3308, 88.9111



13.6140, 5.6133, 19.6325

Previews

White Background



This preview shows how the YUV color 118.1620, 40.8391, -79.0721 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 118.1620, 40.8391, -79.0721 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 118.1620, 40.8391, -79.0721 Background



This preview shows how black text looks on a background with the YUV color 118.1620, 40.8391, -79.0721.



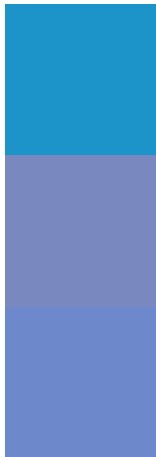
This preview shows how white text looks on a background with the YUV color 118.1620, 40.8391, -79.0721.

-79.0721.

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

118.1620, 40.8391, -79.0721

Protanopia

137.7850, 26.2350, -14.7204

Deuteranopia

136.2660, 33.3929, -23.9123



Tritanopia

108.6210, 27.7948, -95.2606

Trichromacy



Original Color

118.1620, 40.8391, -79.0721

Protanomaly

130.4230, 31.8365, -38.0820

Deuteranomaly

129.8290, 36.0733, -43.7000

Tritanomaly

111.9190, 32.5779, -89.3830

Monochromacy



Original Color

118.1620, 40.8391, -79.0721

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0100, 14.7851, -28.9498

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.1620, 40.8391, -79.0721 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(28, 148, 201)` looks like.

```
.text, #text, p{  
    color:rgb(28, 148, 201)  
}
```

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(28, 148, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 148, 201) }
```

Border

The CSS property to change the border of an element to YUV 118.1620, 40.8391, -79.0721 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(28, 148, 201) }
```


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

```
.border{ border-color:rgb(28, 148, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 148, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 148, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 148, 201);  
box-shadow:4px 4px 4px 4px rgb(28, 148,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 118.1620, 40.8391, -79.0721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 148, 201) }
```

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

```
.background{ background-color: rgb(28, 148,  
201) }
```

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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