

Converting Colors

YUV(122.2250, 48.6961,
-79.1273)

Have a look what the booklet for
YUV(122.2250, 48.6961, -79.1273)
contains.

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Color

**YUV(122.2250, 48.6961,
-79.1273)**

Conversions

Conversions Part 1

Format	Color
Hex	2095DD
RGB	32, 149, 221
RGB Percent	13%, 58%, 87%
CMY	0.8745, 0.4157, 0.1333
CMYK	0.86, 0.33, 0.00, 0.13
HSL	203°, 75%, 50%
HSV	203°, 86%, 87%
XYZ	24.3943, 27.0224, 72.3367
YIQ	122.2250, -92.8440, -2.4120

Conversions

Conversions Part 2

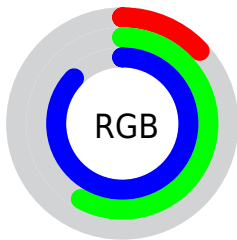
Format	Color
R _Y B	32, 104, 221
Decimal	2135517
CIE Lab	59.00, -5.50, -45.21
CIE LCh	59, 45.546, 263.059
Yxy	27.0224, 0.1971, 0.2184
Android (android.graphics.Color)	4280325597 (0xFF2095DD)
YUV	122.2250, 48.6961, -79.1273
Hunter-Lab	51.9831, -7.2052, -46.1164




Details

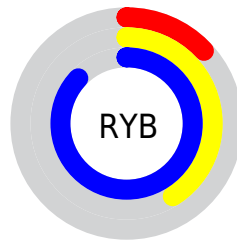
The YUV color **122.2250, 48.6961, -79.1273** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **130.7750, -48.6961, 79.1273**, and the grayscale version is **122.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **181.7190, 36.1275, -61.1436**, and **76.9230, 43.4220, -67.4615** is the 20% darker color. If you saturate the color by 10%, you get **110.9510, 54.2542, -88.5340**, and if you desaturate by 10%, it is **133.4990, 43.1380, -69.7206**.

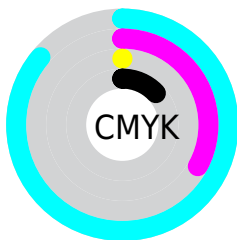
Distribution







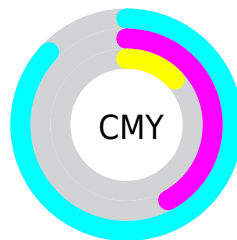
-  Red (13%)
-  Green (58%)
-  Blue (87%)






-  Red (13%)
-  Yellow (41%)
-  Blue (87%)



-  Cyan (86%)
-  Magenta (33%)
-  Yellow (0%)
-  Black (13%)



-  Cyan (87%)
-  Magenta (42%)
-  Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.2250, 48.6961, -79.1273 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 122.2250, 48.6961, -79.1273 by changing the saturation by 10% instead.

■ 122.2250, 48.6961,
-79.1273

■ 122.2250, 48.6961,
-79.1273

■ 255.0000, 0.0000,
0.0000

■ 94.2030, 48.7069,
-82.6160

■ 181.7190, 36.1275,
-61.1436

■ 76.9230, 43.4220,
-67.4615

■ 207.4240, 23.4550,
-56.4998

■ 59.8710, 39.0106,
-52.5069

■ 230.7810, 11.9400,
-49.7969

■ 43.9930, 34.0205,
-38.5819

■ 240.0500, 7.3704,
-30.7388

■ 28.8160, 29.1777,
-25.2716

■ 249.3190, 2.8007,
-11.6808

■ 11.4050, 25.9293,
-10.0022

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 122.2250, 48.6961,
-79.1273

■ 122.2250, 48.6961,
-79.1273

■ 110.9510, 54.2542,
-88.5340

■ 133.4990, 43.1380,
-69.7206

■ 105.6130, 56.8858,
-92.6226

■ 145.3600, 37.2905,
-60.8287

■ 156.6340, 31.7324,
-51.4220

■ 168.4950, 25.8850,
-42.5301

■ 180.0680, 20.1795,
-32.5086

■ 191.9290, 14.3320,
-23.6167

■ 203.2030, 8.7739,
-14.2100

■ 214.4770, 3.2158,
-4.8033

■ 226.3380, -2.6316,
4.0886

Harmonies

Analogous

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



116.1160, 43.8198, -101.8337



122.2250, 48.6961, -79.1273



142.7390, 36.1177, -11.1721

Triad

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



122.2250, 48.6961, -79.1273



142.3350, -14.4622, 65.4812



128.6600, -18.0734, -36.5358

Complementary

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



122.2250, 48.6961, -79.1273



130.7750, -48.6961, 79.1273

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.



135.2380, -34.6273, -0.2087



122.2250, 48.6961, -79.1273



141.0180, -30.5749, 53.4812

Square

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



122.2250, 48.6961, -79.1273



144.5140, 4.1836, 58.3082



138.9860, -38.9401, 29.8303



110.0280, 10.3392, -96.4946

Rectangle

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



122.2250, 48.6961, -79.1273



146.5210, 26.8581, 18.8371



138.9860, -38.9401, 29.8303



131.3150, -24.8053, -23.9553

Sweetspot

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



122.2250, 48.6961, -79.1273



220.5910, 16.9636, -27.7053



150.8090, -24.5558, -104.1955



106.6480, 10.5265, -16.3543



0.0000, 0.0000, 0.0000



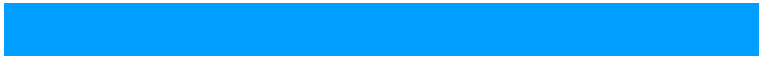
128.0000, 0.0000, 0.0000

Same Dimension

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



122.2250, 48.6961, -79.1273



121.8160, 65.6597, -106.8326



68.2210, 75.3200, -31.7658



103.7760, 3.0684, -4.1886



82.5310, 44.6012, -72.3797



21.6800, 11.9898, -19.0134

Inverse Universe

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



101.8490, 23.2454, 104.4954



94.2570, 31.4253, 140.9716



184.7790, -75.3200, 31.7658



102.9730, 0.9993, 6.1627



63.9250, 21.2360, 95.6588



16.9460, 5.4496, 25.4804

Previews

White Background



This preview shows how the YUV color 122.2250, 48.6961, -79.1273 looks on a white background.

Color Contrast Check

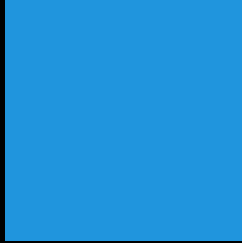
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.2250, 48.6961, -79.1273 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

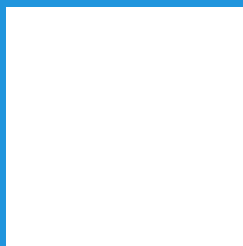
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 122.2250, 48.6961, -79.1273

Background



This preview shows how black text looks on a background with the YUV color 122.2250, 48.6961, -79.1273.

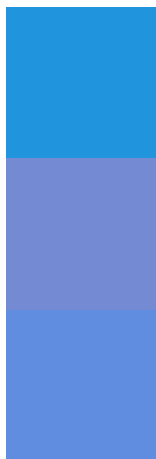


This preview shows how white text looks on a background with the YUV color 122.2250, 48.6961, -79.1273.

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

122.2250, 48.6961, -79.1273

Protanopia

140.4450, 35.2766, -21.4383

Deuteranopia

136.8930, 42.4508, -35.8632



Tritanopia

111.3110, 27.9477, -97.6197

Trichromacy



Original Color

122.2250, 48.6961, -79.1273

Protanomaly

133.8660, 39.9991, -42.8555

Deuteranomaly

131.6630, 44.5361, -51.4475

Tritanomaly

115.3040, 35.3461, -90.5976

Monochromacy



Original Color

122.2250, 48.6961, -79.1273

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.1070, 17.6952, -29.0348

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.2250, 48.6961, -79.1273 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(32, 149, 221)` looks like.

```
.text, #text, p{  
    color:rgb(32, 149, 221)  
}
```

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(32, 149, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 149, 221) }
```

Border

The CSS property to change the border of an element to YUV 122.2250, 48.6961, -79.1273 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(32, 149, 221) }
```


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

```
.border{ border-color:rgb(32, 149, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 149, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 149, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 149, 221);  
box-shadow:4px 4px 4px 4px rgb(32, 149,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 122.2250, 48.6961, -79.1273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 149, 221) }
```

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

```
.background{ background-color: rgb(32, 149,  
221) }
```

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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