

Converting Colors

YUV(112.2710, 38.8134,
-82.6757)

Have a look what the booklet for
YUV(112.2710, 38.8134, -82.6757)
contains.

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Color

**YUV(112.2710, 38.8134,
-82.6757)**

Conversions

Conversions Part 1

Format	Color
Hex	1291BF
RGB	18, 145, 191
RGB Percent	7%, 57%, 75%
CMY	0.9294, 0.4314, 0.2510
CMYK	0.91, 0.24, 0.00, 0.25
HSL	196°, 83%, 41%
HSV	196°, 91%, 75%
XYZ	19.7788, 24.1410, 52.9074
YIQ	112.2710, -90.4580, -12.6180

Conversions

Conversions Part 2

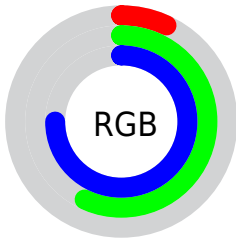
Format	Color
R_{YB}	18, 91, 191
Decimal	1216959
CIE _{Lab}	56.23, -15.04, -32.70
CIE _{LCh}	56, 35.994, 245.308
Yxy	24.1410, 0.2043, 0.2493
Android (android.graphics.Color)	4279407039 (0xFF1291BF)
YUV	112.2710, 38.8134, -82.6757
Hunter-Lab	49.1335, -14.1279, -29.4507

Details

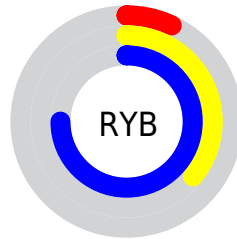
The YUV color **112.2710, 38.8134, -82.6757** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **96.7290, -38.8134, 82.6757**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.9850, 35.9964, -65.7618**, and **71.3830, 32.3492, -62.6029** is the 20% darker color. If you saturate the color by 10%, you get **103.9540, 42.9137, -91.1677**, and if you desaturate by 10%, it is **120.8870, 34.5657, -73.5689**.

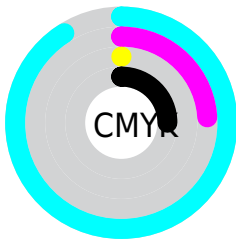
Distribution



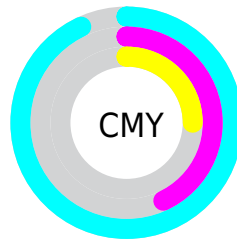
- Red (7%)
- Green (57%)
- Blue (75%)



- Red (7%)
- Yellow (36%)
- Blue (75%)



- Cyan (91%)
- Magenta (24%)
- Yellow (0%)
- Black (25%)



- Cyan (93%)
- Magenta (43%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.2710, 38.8134, -82.6757 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 112.2710, 38.8134, -82.6757 by changing the saturation by 10% instead.

■ 112.2710, 38.8134,
-82.6757

■ 112.2710, 38.8134,
-82.6757

■ 255.0000, 0.0000,
0.0000

■ 88.5490, 37.1973,
-77.6575

■ 174.9850, 35.9964,
-65.7618

■ 71.3830, 32.3492,
-62.6029

■ 201.4880, 26.3814,
-61.8180

■ 54.4450, 28.3746,
-47.7483

■ 227.1930, 13.7089,
-57.1743

■ 38.0940, 24.1107,
-33.4084

■ 236.1630, 9.2866,
-38.7310

■ 24.2050, 19.1259,
-21.2278

■ 245.1330, 4.8644,
-20.2876

■ 6.4350, 17.0405,
-5.6435

■ 254.4020, 0.2948,

■ 2.7530, 8.0098,

-1.2296

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 112.2710, 38.8134,
-82.6757

■ 112.2710, 38.8134,
-82.6757

■ 103.9540, 42.9137,
-91.1677

■ 120.8870, 34.5657,
-73.5689

■ 129.5030, 30.3180,
-64.4621

■ 138.1190, 26.0703,
-55.3554

■ 146.7350, 21.8226,
-46.2486

■ 155.6500, 17.4276,
-36.5270

■ 164.2660, 13.1799,
-27.4203

■ 173.4690, 8.6428,
-18.8283

■ 182.0850, 4.3951,
-9.7215

■ 190.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



107.4300, 30.8470, -94.2161



112.2710, 38.8134, -82.6757



130.9940, 32.5410, -30.6897

Triad

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



112.2710, 38.8134, -82.6757



137.3960, -3.6462, 49.6417



128.5600, -22.9541, -11.0151

Complementary

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



112.2710, 38.8134, -82.6757



96.7290, -38.8134, 82.6757

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.



131.8900, -30.0188, 15.0055



112.2710, 38.8134, -82.6757



135.7260, -17.6129, 49.3523

Square

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



112.2710, 38.8134, -82.6757



138.6080, 11.5323, 34.5468



134.3040, -27.7579, 36.5674



122.4990, -7.1480, -40.7796

Rectangle

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



112.2710, 38.8134, -82.6757



136.6660, 26.7867, -4.9691



134.3040, -27.7579, 36.5674



129.8170, -26.0388, -1.5935

Sweetspot

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



112.2710, 38.8134, -82.6757



217.2870, 14.6485, -31.8237



124.4530, -31.2823, -93.3593



106.5830, 9.0796, -18.9283



252.0000, 0.0000, 0.0000



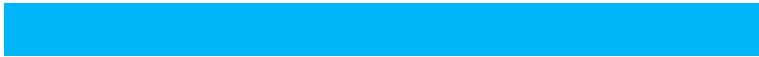
125.0000, 0.0000, 0.0000

Same Dimension

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



112.2710, 38.8134, -82.6757



134.9920, 55.2199, -118.3880



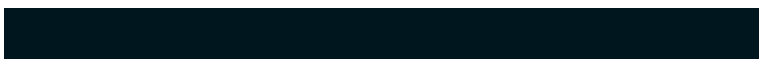
62.9630, 63.1222, -39.4326



90.1350, 1.9054, -4.5034



86.1040, 35.4447, -75.5132



16.4480, 7.1741, -14.4249

Inverse Universe

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



84.2050, 29.9719, 93.6592



94.6010, 43.0877, 133.6539



146.0370, -63.1222, 39.4326



88.4890, 1.7309, 4.8331



60.4660, 27.3783, 85.5373



11.7770, 5.0399, 16.8586

Previews

White Background



This preview shows how the YUV color 112.2710, 38.8134, -82.6757 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 112.2710, 38.8134, -82.6757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

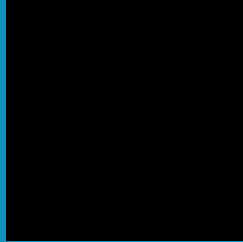
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.2710, 38.8134, -82.6757

Background



This preview shows how black text looks on a background with the YUV color 112.2710, 38.8134, -82.6757.

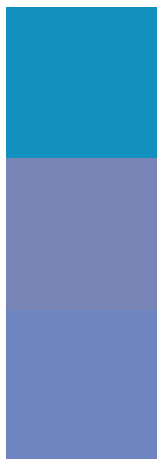


This preview shows how white text looks on a background with the YUV color 112.2710, 38.8134,

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

112.2710, 38.8134, -82.6757

Protanopia

133.9980, 23.1720, -12.2762

Deuteranopia

133.0770, 30.0350, -20.2385



Tritanopia

105.7030, 26.7684, -92.7015

Trichromacy



Original Color

112.2710, 38.8134, -82.6757

Protanomaly

126.3260, 28.9263, -37.9969

Deuteranomaly

125.4440, 33.3051, -42.4854

Tritanomaly

108.4630, 30.8307, -88.9831

Monochromacy



Original Color

112.2710, 38.8134, -82.6757

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1840, 14.2063, -29.9794

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.2710, 38.8134, -82.6757 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(18, 145, 191)` looks like.

```
.text, #text, p{  
    color:rgb(18, 145, 191)  
}
```

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(18, 145, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 145, 191) }
```

Border

The CSS property to change the border of an element to YUV 112.2710, 38.8134, -82.6757 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(18, 145, 191) }
```


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

```
.border{ border-color:rgb(18, 145, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 145, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 145, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 145, 191);  
box-shadow:4px 4px 4px 4px rgb(18, 145,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 112.2710, 38.8134, -82.6757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 145, 191) }
```

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

```
.background{ background-color: rgb(18, 145,  
191) }
```

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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