

Converting Colors

YUV(180.2710, 15.6424,
-23.9167)

Have a look what the booklet for
YUV(180.2710, 15.6424, -23.9167)
contains.

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Color

**YUV(180.2710, 15.6424,
-23.9167)**

Conversions

Conversions Part 1

Format	Color
Hex	99BCD4
RGB	153, 188, 212
RGB Percent	60%, 74%, 83%
CMY	0.4000, 0.2627, 0.1686
CMYK	0.28, 0.11, 0.00, 0.17
HSL	204°, 41%, 72%
HSV	204°, 28%, 83%
XYZ	43.0038, 47.4922, 69.1877
YIQ	180.2710, -28.5640, 0.0440

Conversions

Conversions Part 2

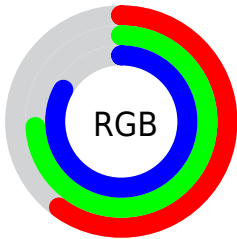
Format	Color
RYB	153, 175, 212
Decimal	10075348
CIELab	74.50, -6.25, -15.90
CIELCh	75, 17.088, 248.535
Yxy	47.4922, 0.2693, 0.2974
Android (android.graphics.Color)	4288265428 (0xFF99BCD4)
YUV	180.2710, 15.6424, -23.9167
Hunter-Lab	68.9146, -9.2138, -11.2848

Details

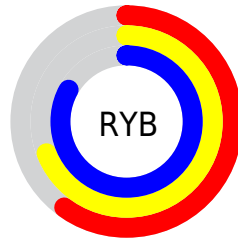
The YUV color **180.2710, 15.6424, -23.9167** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **184.7290, -15.6424, 23.9167**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.4900, 10.1114, -23.2317**, and **127.0430, 14.7688, -23.7167** is the 20% darker color. If you saturate the color by 10%, you get **168.7090, 21.3425, -32.1938**, and if you desaturate by 10%, it is **191.8330, 9.9423, -15.6395**.

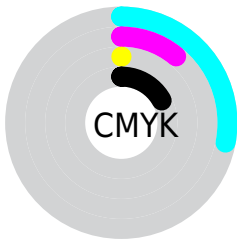
Distribution



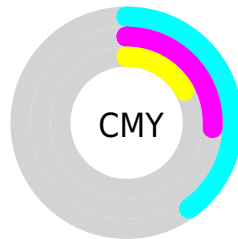
- Red (60%)
- Green (74%)
- Blue (83%)



- Red (60%)
- Yellow (69%)
- Blue (83%)



- Cyan (28%)
- Magenta (11%)
- Yellow (0%)
- Black (17%)



- Cyan (40%)
- Magenta (26%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.2710, 15.6424, -23.9167 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 180.2710, 15.6424, -23.9167 by changing the saturation by 10% instead.

■ 180.2710, 15.6424,
-23.9167

■ 180.2710, 15.6424,
-23.9167

255.0000, 0.0000,
0.0000

■ 153.1570, 15.2056,
-23.8167

■ 234.4900, 10.1114,
-23.2317

■ 127.0430, 14.7688,
-23.7167

■ 249.6180, 2.6533,
-11.0660

■ 101.9290, 14.3320,
-23.6167

■ 76.9290, 14.3320,
-23.6167

■ 52.9180, 14.3374,
-25.3611

■ 30.2060, 14.1954,
-26.4907

■ 15.9580, 10.3737,

-13.9952

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 180.2710, 15.6424,
-23.9167

■ 180.2710, 15.6424,
-23.9167

■ 168.7090, 21.3425,
-32.1938

■ 191.8330, 9.9423,
-15.6395

■ 157.7340, 26.7531,
-40.9857

■ 202.8080, 4.5317,
-6.8476

■ 145.8730, 32.6006,
-49.8776

■ 214.6690, -1.3158,
2.0443

■ 134.8980, 38.0113,
-58.6695

■ 225.6440, -6.7265,
10.8362

■ 123.3360, 43.7114,
-66.9467

■ 236.0100,
-11.8369, 16.6542

■ 111.7740, 49.4114,
-75.2238

■ 241.2930,
-14.4414, 12.0210

■ 100.7990, 54.8221,
-84.0157

■ 245.9890,
-16.7566, 7.9026

■ 98.1300, 56.1379,
-86.0600

■ 250.0980,
-18.7823, 4.2991

Harmonies

Analogous

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



177.9020, 11.8803, -30.6091



180.2710, 15.6424, -23.9167



183.2450, 15.1622, -9.8619

Triad

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



180.2710, 15.6424, -23.9167



185.9540, -3.4283, 26.3503



180.0950, -10.8928, -6.2223

Complementary

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



180.2710, 15.6424, -23.9167



184.7290, -15.6424, 23.9167

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.



182.4450, -15.0094, 7.5027



180.2710, 15.6424, -23.9167



185.1190, -10.4117, 26.2056

Square

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



180.2710, 15.6424, -23.9167



186.5600, 4.1609, 18.8029



183.6360, -14.6105, 19.6132



178.2550, -3.5767, -19.5176

Rectangle

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



180.2710, 15.6424, -23.9167



185.0290, 12.8037, -0.0254



183.6360, -14.6105, 19.6132



181.0740, -12.3615, -1.8189

Sweetspot

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



180.2710, 15.6424, -23.9167



244.3240, 5.2633, -8.1771



190.3690, -6.5909, -32.7726



120.5910, 3.6526, -4.9033



0.0000, 0.0000, 0.0000



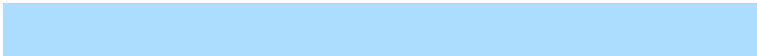
128.0000, 0.0000, 0.0000

Same Dimension

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



180.2710, 15.6424, -23.9167



209.9260, 22.2215, -34.1381



163.2480, 24.0347, -8.9875



101.3630, 2.7790, -4.7034



78.7810, 45.4640, -69.0909



20.1640, 11.2581, -17.6838

Inverse Universe

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



174.6310, 6.5909, 32.7726



201.8160, 9.4577, 46.6424



201.7520, -24.0347, 8.9875



100.0870, 1.4361, 6.0627



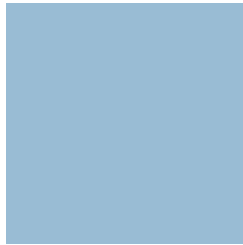
62.6430, 18.9100, 95.0291



15.8210, 5.0182, 23.8360

Previews

White Background



This preview shows how the YUV color 180.2710, 15.6424, -23.9167 looks on a white background.

Color Contrast Check

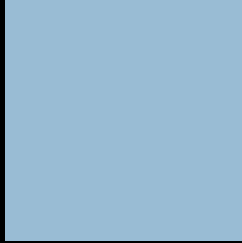
Large Text (above 18pt) WCAG AA × Fail

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 180.2710, 15.6424, -23.9167 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 ✓ Pass

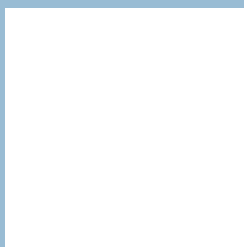
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 180.2710, 15.6424, -23.9167

Background



This preview shows how black text looks on a background with the YUV color 180.2710, 15.6424, -23.9167.



This preview shows how white text looks on a background with the YUV color 180.2710, 15.6424, -23.9167.

-23.9167.

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

180.2710, 15.6424, -23.9167

Protanopia

183.4800, 12.0884, -3.9290

Deuteranopia

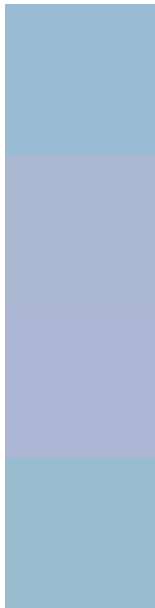
184.4960, 14.5455, 1.3190



Tritanopia

179.3480, 12.1534, -24.8612

Trichromacy



Original Color

180.2710, 15.6424, -23.9167

Protanomaly

182.6640, 12.9836, -11.1063

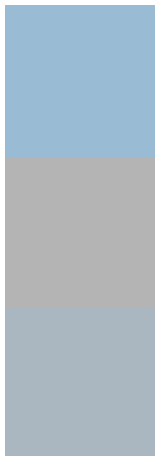
Deuteranomaly

183.1420, 14.7200, -8.0175

Tritanomaly

179.9890, 13.3164, -24.5464

Monochromacy



Original Color

180.2710, 15.6424, -23.9167

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.1390, 5.8475, -8.8919

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.2710, 15.6424, -23.9167 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(153, 188, 212)` looks like.

```
.text, #text, p{  
    color:rgb(153, 188, 212)  
}
```

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(153, 188, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 188, 212) }
```

Border

The CSS property to change the border of an element to YUV 180.2710, 15.6424, -23.9167 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(153, 188, 212) }
```


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

```
.border{ border-color:rgb(153, 188, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 188, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 188, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 188, 212); box-shadow:4px 4px 4px 4px rgb(153, 188, 212) }
```

Background

The CSS property to change the background color of an element to YUV 180.2710, 15.6424, -23.9167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 188, 212) }
```

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

```
.background{ background-color: rgb(153,  
188, 212) }
```

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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