

Converting Colors

YUV(176.1230, 20.1524,
-23.7869)

Have a look what the booklet for
YUV(176.1230, 20.1524, -23.7869)
contains.

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Color

**YUV(176.1230, 20.1524,
-23.7869)**

Conversions

Conversions Part 1

Format	Color
Hex	95B6D9
RGB	149, 182, 217
RGB Percent	58%, 71%, 85%
CMY	0.4157, 0.2863, 0.1490
CMYK	0.31, 0.16, 0.00, 0.15
HSL	211°, 47%, 72%
HSV	211°, 31%, 85%
XYZ	41.6468, 44.8552, 72.1085
YIQ	176.1230, -30.9030, 3.8890

Conversions

Conversions Part 2

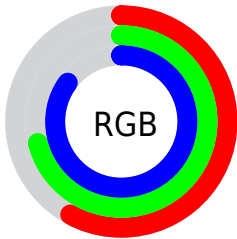
Format	Color
RYB	149, 171, 217
Decimal	9811673
CIELab	72.80, -2.98, -21.23
CIELCh	73, 21.440, 262.021
Yxy	44.8552, 0.2626, 0.2828
Android (android.graphics.Color)	4288001753 (0xFF95B6D9)
YUV	176.1230, 20.1524, -23.7869
Hunter-Lab	66.9740, -6.2071, -16.9536

Details

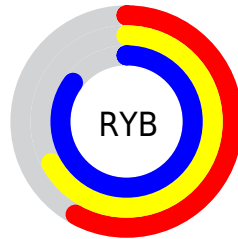
The YUV color **176.1230, 20.1524, -23.7869** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **189.8770, -20.1524, 23.7869**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7720, 12.4374, -22.6020**, and **122.8950, 19.2788, -23.5869** is the 20% darker color. If you saturate the color by 10%, you get **163.0880, 26.5786, -31.6492**, and if you desaturate by 10%, it is **189.1580, 13.7261, -15.9246**.

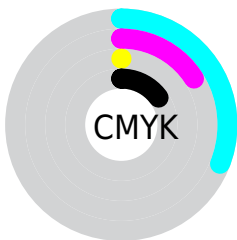
Distribution



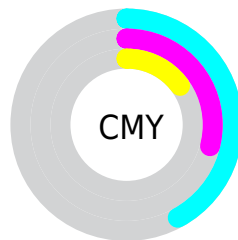
- Red (58%)
- Green (71%)
- Blue (85%)



- Red (58%)
- Yellow (67%)
- Blue (85%)



- Cyan (31%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)



- Cyan (42%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.1230, 20.1524, -23.7869 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 176.1230, 20.1524, -23.7869 by changing the saturation by 10% instead.

■ 176.1230, 20.1524,
-23.7869

■ 176.1230, 20.1524,
-23.7869

255.0000, 0.0000,
0.0000

■ 149.0090, 19.7156,
-23.6869

■ 229.7720, 12.4374,
-22.6020

■ 122.8950, 19.2788,
-23.5869

■ 248.4220, 3.2430,
-13.5251

■ 97.4820, 18.9894,
-24.1017

■ 72.9550, 18.2632,
-24.5165

■ 48.0470, 18.7108,
-28.1052

■ 28.2000, 16.6634,
-24.7314

■ 12.8920, 13.8572,

-11.3063

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 176.1230, 20.1524,
-23.7869

■ 176.1230, 20.1524,
-23.7869

■ 163.0880, 26.5786,
-31.6492

■ 189.1580, 13.7261,
-15.9246

■ 150.3520, 32.8575,
-38.8967

■ 201.8940, 7.4473,
-8.6770

■ 136.7300, 39.5731,
-46.2442

■ 215.5160, 0.7316,
-1.3295

■ 123.6950, 45.9994,
-54.1065

■ 228.5510, -5.6946,
6.5328

■ 110.9590, 52.2782,
-61.3540

■ 240.6890,
-11.6787, 12.5507

■ 97.9240, 58.7045,
-69.2163

■ 247.1460,
-14.8620, 6.8880

■ 86.3730, 64.3991,
-75.7491

■ 250.6680,
-16.5983, 3.7992

Harmonies

Analogous

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



172.1660, 18.1592, -37.8566



176.1230, 20.1524, -23.7869



179.5600, 17.4719, -3.9991

Triad

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



176.1230, 20.1524, -23.7869



181.1460, -7.9600, 33.1980



173.9690, -9.8447, -15.7588

Complementary

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



176.1230, 20.1524, -23.7869



189.8770, -20.1524, 23.7869

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.



176.2440, -16.8823, 1.5400



176.1230, 20.1524, -23.7869



179.7620, -15.6587, 29.1497

Square

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



176.1230, 20.1524, -23.7869



182.2300, 1.3656, 28.7393



178.7730, -19.1151, 17.7391



171.9160, 0.5344, -31.4983

Rectangle

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



176.1230, 20.1524, -23.7869



181.4970, 13.0660, 9.2111



178.7730, -19.1151, 17.7391



174.3180, -12.4818, -9.9259

Sweetspot

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



176.1230, 20.1524, -23.7869



241.0790, 6.8631, -7.9623



192.7920, -4.8275, -38.4056



118.8190, 4.5262, -5.1033



0.0000, 0.0000, 0.0000



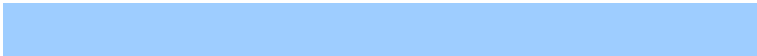
128.0000, 0.0000, 0.0000

Same Dimension

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



176.1230, 20.1524, -23.7869



196.6470, 28.7680, -33.8934



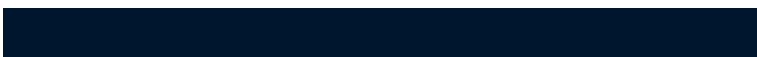
156.7520, 29.7023, -6.7985



103.1890, 3.3578, -3.6738



69.0300, 51.2572, -60.5393



18.1580, 13.7261, -15.9246

Inverse Universe

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



173.0940, 4.3907, 38.5056



192.3610, 6.2310, 54.9344



209.2480, -29.7023, 6.7985



102.8590, 0.5625, 6.2627



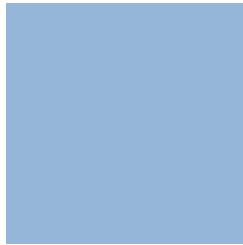
61.3030, 11.1896, 97.9583



16.2620, 2.8288, 26.0802

Previews

White Background



This preview shows how the YUV color 176.1230, 20.1524, -23.7869 looks on a white background.

Color Contrast Check

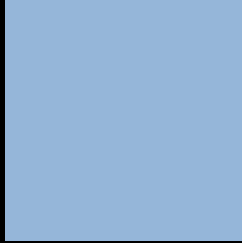
Large Text (above 18pt) WCAG AA × Fail

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 176.1230, 20.1524, -23.7869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

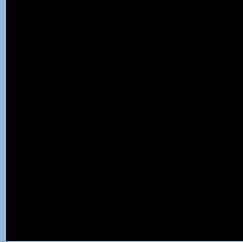
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

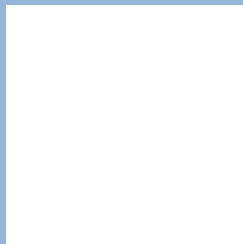
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 176.1230, 20.1524, -23.7869

Background



This preview shows how black text looks on a background with the YUV color 176.1230, 20.1524, -23.7869.



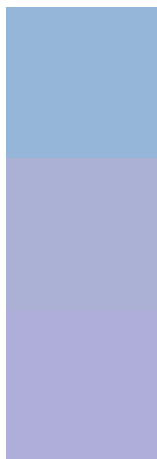
This preview shows how white text looks on a background with the YUV color 176.1230, 20.1524, -23.7869.

-23.7869.

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

176.1230, 20.1524, -23.7869

Protanopia

179.0110, 16.7566, -7.9026

Deuteranopia

179.4290, 19.5085, -3.8842



Tritanopia

174.7500, 12.4482, -26.0907

Trichromacy



Original Color

176.1230, 20.1524, -23.7869

Protanomaly

177.9070, 17.7938, -13.9504

Deuteranomaly

178.3850, 19.5302, -10.8616

Tritanomaly

175.1460, 15.2110, -25.5610

Monochromacy



Original Color

176.1230, 20.1524, -23.7869

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.8940, 7.4473, -8.6770

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.1230, 20.1524, -23.7869 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(149, 182, 217)` looks like.

```
.text, #text, p{  
    color:rgb(149, 182, 217)  
}
```

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(149, 182, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 182, 217) }
```

Border

The CSS property to change the border of an element to YUV 176.1230, 20.1524, -23.7869 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(149, 182, 217) }
```


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

```
.border{ border-color:rgb(149, 182, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 182, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 182, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 182, 217);  
box-shadow:4px 4px 4px 4px rgb(149, 182,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 176.1230, 20.1524, -23.7869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 182, 217) }
```

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

```
.background{ background-color: rgb(149,  
182, 217) }
```

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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