

Converting Colors

YUV(190.7980, 16.3686,
-23.5018)

Have a look what the booklet for
YUV(190.7980, 16.3686, -23.5018)
contains.

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Color

**YUV(190.7980, 16.3686,
-23.5018)**

Conversions

Conversions Part 1

Format	Color
Hex	A4C6E0
RGB	164, 198, 224
RGB Percent	64%, 78%, 88%
CMY	0.3569, 0.2235, 0.1216
CMYK	0.27, 0.12, 0.00, 0.12
HSL	206°, 49%, 76%
HSV	206°, 27%, 88%
XYZ	48.9585, 53.6625, 78.2985
YIQ	190.7980, -28.6100, 0.8780

Conversions

Conversions Part 2

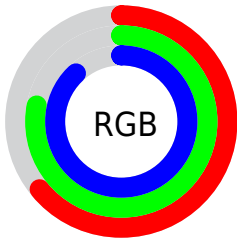
Format	Color
RYB	164, 186, 224
Decimal	10798816
CIELab	78.26, -5.51, -16.66
CIELCh	78, 17.544, 251.704
Yxy	53.6625, 0.2706, 0.2966
Android (android.graphics.Color)	4288988896 (0xFFA4C6E0)
YUV	190.7980, 16.3686, -23.5018
Hunter-Lab	73.2547, -8.8984, -12.0940

Details

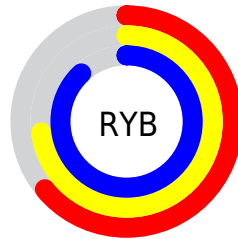
The YUV color **190.7980, 16.3686, -23.5018** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **197.2020, -16.3686, 23.5018**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.5350, 5.1592, -21.5172**, and **136.9830, 15.7844, -22.7871** is the 20% darker color. If you saturate the color by 10%, you get **178.3500, 22.5055, -31.8789**, and if you desaturate by 10%, it is **203.2460, 10.2317, -15.1247**.

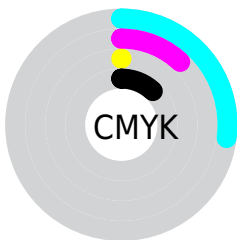
Distribution



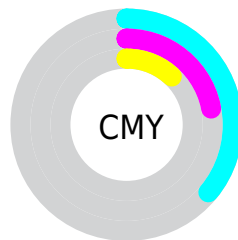
- Red (64%)
- Green (78%)
- Blue (88%)



- Red (64%)
- Yellow (73%)
- Blue (88%)



- Cyan (27%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)



- Cyan (36%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.7980, 16.3686, -23.5018 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 190.7980, 16.3686, -23.5018 by changing the saturation by 10% instead.

■ 190.7980, 16.3686,
-23.5018

■ 190.7980, 16.3686,
-23.5018

255.0000, 0.0000,
0.0000

■ 163.6840, 15.9318,
-23.4019

■ 244.5350, 5.1592,
-21.5172

■ 136.9830, 15.7844,
-22.7871

■ 253.2060, 0.8844,
-3.6887

■ 111.4560, 15.0582,
-23.2019

■ 86.4560, 15.0582,
-23.2019

■ 62.0430, 14.7688,
-23.7167

■ 37.7220, 14.9271,
-27.8202

■ 21.0930, 12.2792,

-18.4986

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 190.7980, 16.3686,
-23.5018

■ 190.7980, 16.3686,
-23.5018

■ 178.3500, 22.5055,
-31.8789

■ 203.2460, 10.2317,
-15.1247

■ 166.1900, 28.5003,
-41.3856

■ 215.4060, 4.2368,
-5.6181

■ 153.7420, 34.6372,
-49.7627

■ 227.8540, -1.9000,
2.7590

■ 140.9950, 40.9215,
-58.7546

■ 240.6010, -8.1843,
11.7509

■ 128.5470, 47.0583,
-67.1317

■ 246.7700,
-11.2256, 7.2177

■ 116.6860, 52.9058,
-76.0236

■ 251.4660,
-13.5407, 3.0993

■ 103.9390, 59.1901,
-85.0155

■ 100.0850, 61.0901,
-87.7745

Harmonies

Analogous

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



188.5320, 13.0487, -32.0386



190.7980, 16.3686, -23.5018



193.9570, 15.3042, -8.7323

Triad

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



190.7980, 16.3686, -23.5018



196.4380, -4.1599, 27.6799



190.1980, -10.4506, -8.0666

Complementary

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



190.7980, 16.3686, -23.5018



197.2020, -16.3686, 23.5018

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.



192.7330, -15.1514, 6.3732



190.7980, 16.3686, -23.5018



195.8910, -11.2853, 26.4056

Square

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



190.7980, 16.3686, -23.5018



196.4570, 3.7187, 20.6472



194.1090, -15.3367, 19.1984



188.4720, -2.6977, -21.4619

Rectangle

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



190.7980, 16.3686, -23.5018



195.3390, 12.6509, 2.3337



194.1090, -15.3367, 19.1984



191.0630, -12.3561, -3.5633

Sweetspot

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



190.7980, 16.3686, -23.5018



243.7370, 5.5527, -7.6623



202.1840, -6.0067, -33.4874



120.5910, 3.6526, -4.9033



0.0000, 0.0000, 0.0000



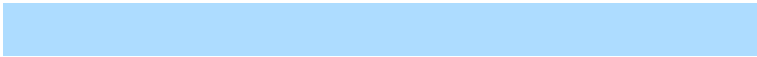
128.0000, 0.0000, 0.0000

Same Dimension

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



190.7980, 16.3686, -23.5018



209.9370, 22.2161, -32.3937



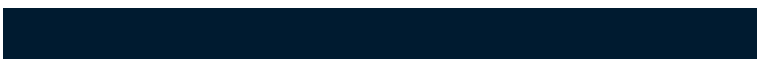
173.1880, 25.0503, -8.0579



105.7760, 3.0684, -4.1886



78.7640, 47.9373, -69.0760



21.3210, 13.1527, -18.6985

Inverse Universe

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



185.8160, 6.0067, 33.4874



202.8760, 8.4421, 45.7127



214.8120, -25.0503, 8.0579



104.9730, 0.9993, 6.1627



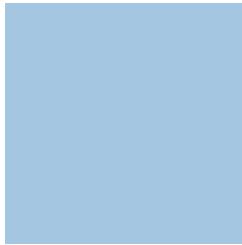
64.0240, 17.7362, 98.2030



17.4300, 4.7180, 26.8099

Previews

White Background



This preview shows how the YUV color 190.7980, 16.3686, -23.5018 looks on a white background.

Color Contrast Check

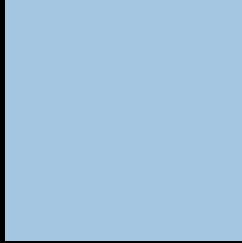
Large Text (above 18pt) WCAG AA × Fail

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 190.7980, 16.3686, -23.5018 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

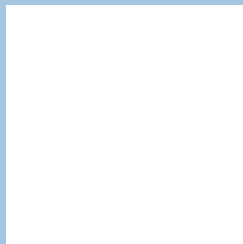
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 190.7980, 16.3686, -23.5018

Background



This preview shows how black text looks on a background with the YUV color 190.7980, 16.3686, -23.5018.



This preview shows how white text looks on a background with the YUV color 190.7980, 16.3686, -23.5018.

-23.5018.

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

190.7980, 16.3686, -23.5018

Protanopia

194.2950, 12.6726, -4.6437

Deuteranopia

195.3110, 15.1297, 0.6043



Tritanopia

189.7610, 12.4428, -24.3464

Trichromacy



Original Color

190.7980, 16.3686, -23.5018

Protanomaly

192.8920, 13.8572, -11.3063

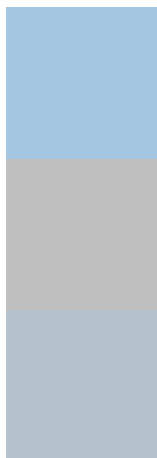
Deuteranomaly

193.3700, 15.5936, -8.2175

Tritanomaly

190.4020, 13.6058, -24.0316

Monochromacy



Original Color

190.7980, 16.3686, -23.5018

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.1390, 5.8475, -8.8919

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.7980, 16.3686, -23.5018 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(164, 198, 224)` looks like.

```
.text, #text, p{  
    color:rgb(164, 198, 224)  
}
```

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(164, 198, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 198, 224) }
```

Border

The CSS property to change the border of an element to YUV 190.7980, 16.3686, -23.5018 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(164, 198, 224) }
```


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

```
.border{ border-color:rgb(164, 198, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 198, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 198, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 198, 224);  
box-shadow:4px 4px 4px 4px rgb(164, 198,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 190.7980, 16.3686, -23.5018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 198, 224) }
```

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

```
.background{ background-color: rgb(164,  
198, 224) }
```

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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