

Converting Colors

YUV(198.5380, 14.0318,
-20.6428)

Have a look what the booklet for
YUV(198.5380, 14.0318, -20.6428)
contains.

YUV(198.5380, 14.0318, -20.6428)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(198.5380, 14.0318,
-20.6428)**

Conversions

Conversions Part 1

Format	Color
Hex	AFCDE3
RGB	175, 205, 227
RGB Percent	69%, 80%, 89%
CMY	0.3137, 0.1961, 0.1098
CMYK	0.23, 0.10, 0.00, 0.11
HSL	205°, 48%, 79%
HSV	205°, 23%, 89%
XYZ	53.3756, 58.3227, 81.1172
YIQ	198.5380, -24.9420, 0.4820

Conversions

Conversions Part 2

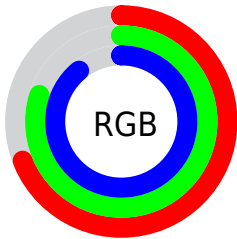
Format	Color
RYB	175, 194, 227
Decimal	11521507
CIELab	80.92, -5.24, -14.21
CIELCh	81, 15.141, 249.770
Yxy	58.3227, 0.2768, 0.3025
Android (android.graphics.Color)	4289711587 (0xFFAFCDE3)
YUV	198.5380, 14.0318, -20.6428
Hunter-Lab	76.3693, -8.8899, -9.5176

Details

The YUV color $198.5380, 14.0318, -20.6428$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $203.4620, -14.0318, 20.6428$, and the grayscale version is $198.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8240, 3.5378, -14.7546$, and $144.7230, 13.4476, -19.9281$ is the 20% darker color. If you saturate the color by 10%, you get $185.7910, 20.3160, -29.6347$, and if you desaturate by 10%, it is $211.2850, 7.7475, -11.6509$.

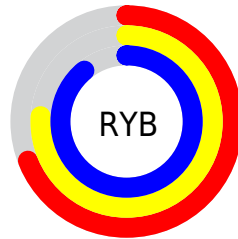
Distribution



Red (69%)

Green (80%)

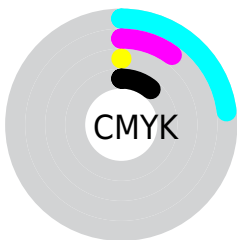
Blue (89%)



Red (69%)

Yellow (76%)

Blue (89%)

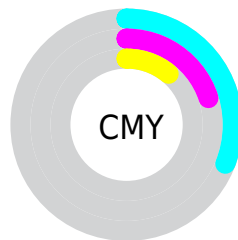


Cyan (23%)

Magenta (10%)

Yellow (0%)

Black (11%)



Cyan (31%)

Magenta (20%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.5380, 14.0318, -20.6428 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 198.5380, 14.0318, -20.6428 by changing the saturation by 10% instead.

■ 198.5380, 14.0318,
-20.6428

■ 198.5380, 14.0318,
-20.6428

255.0000, 0.0000,
0.0000

■ 171.4240, 13.5950,
-20.5428

■ 247.8240, 3.5378,
-14.7546

■ 144.7230, 13.4476,
-19.9281

■ 118.6090, 13.0108,
-19.8281

■ 93.4950, 12.5740,
-19.7281

■ 69.4950, 12.5740,
-19.7281

■ 46.3700, 12.1426,
-21.3725

■ 24.2560, 11.7058,

-21.2725

■ 7.8880, 9.9152,
-6.9178

■ 0.0000, 0.0000,
0.0000

■ 198.5380, 14.0318,
-20.6428

■ 198.5380, 14.0318,
-20.6428

■ 185.7910, 20.3160,
-29.6347

■ 211.2850, 7.7475,
-11.6509

■ 173.9300, 26.1635,
-38.5266

■ 223.1460, 1.9000,
-2.7590

■ 161.1830, 32.4478,
-47.5185

■ 235.8930, -4.3842,
6.2328

■ 149.0230, 38.4427,
-57.0252

■ 244.7640, -8.7577,
8.9770

■ 136.5750, 44.5795,
-65.4023

■ 250.6340,
-11.6516, 3.8290

■ 123.8280, 50.8638,
-74.3942

■ 251.8080,
-12.2303, 2.7994

■ 111.6680, 56.8587,
-83.9008

■ 102.7750, 61.2429,
-90.1337

Harmonies

Analogous

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



196.5820, 10.5591, -26.8204



198.5380, 14.0318, -20.6428



201.2020, 13.7044, -8.9472

Triad

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



198.5380, 14.0318, -20.6428



203.6440, -3.2755, 23.9912



198.4370, -9.5824, -6.5222

Complementary

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



198.5380, 14.0318, -20.6428



203.4620, -14.0318, 20.6428

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.



199.9010, -13.2622, 7.1028



198.5380, 14.0318, -20.6428



202.9230, -9.8220, 23.7465

Square

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



198.5380, 14.0318, -20.6428



203.7340, 3.5821, 17.7733



201.6680, -13.1473, 16.9542



196.4940, -2.7085, -17.9732

Rectangle

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



198.5380, 14.0318, -20.6428



202.2850, 11.1985, 1.5041



201.6680, -13.1473, 16.9542



198.7150, -11.1985, -1.5041

Sweetspot

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



198.5380, 14.0318, -20.6428



244.9220, 4.9685, -6.9476



208.0320, -5.4388, -28.9691



121.7760, 3.0684, -4.1886



0.0000, 0.0000, 0.0000



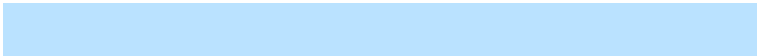
128.0000, 0.0000, 0.0000

Same Dimension

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



198.5380, 14.0318, -20.6428



217.3460, 18.5634, -27.4904



183.2760, 21.5559, -7.2581



108.4770, 3.2158, -4.8033



80.8670, 48.3796, -70.9204



22.8370, 13.8844, -20.0280

Inverse Universe

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



193.9680, 5.4388, 28.9691



211.1910, 7.3008, 38.4205



218.7240, -21.5559, 7.2581



107.3860, 1.2887, 6.6775



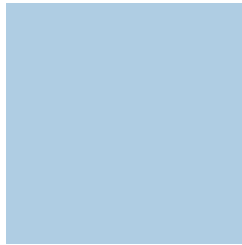
65.2630, 18.6043, 99.7473



18.5550, 5.1494, 28.4543

Previews

White Background



This preview shows how the YUV color 198.5380, 14.0318, -20.6428 looks on a white background.

Color Contrast Check

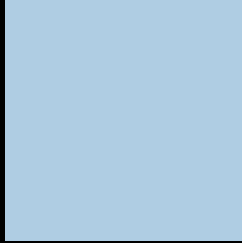
Large Text (above 18pt) WCAG AA × Fail

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 198.5380, 14.0318, -20.6428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

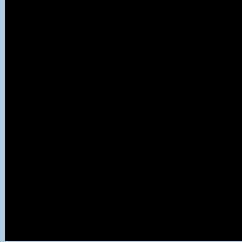
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

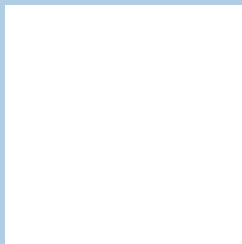
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 198.5380, 14.0318, -20.6428

Background



This preview shows how black text looks on a background with the YUV color 198.5380, 14.0318, -20.6428.



This preview shows how white text looks on a background with the YUV color 198.5380, 14.0318, -20.6428.

-20.6428.

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

198.5380, 14.0318, -20.6428

Protanopia

201.1380, 10.7780, -3.6290

Deuteranopia

202.4640, 13.0822, 3.9781



Tritanopia

198.2560, 11.7058, -21.2725

Trichromacy



Original Color

198.5380, 14.0318, -20.6428

Protanomaly

200.0340, 11.8152, -9.6768

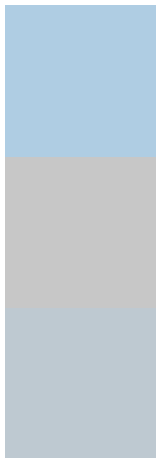
Deuteranomaly

201.1100, 13.2568, -5.3585

Tritanomaly

198.4840, 12.5794, -21.4725

Monochromacy



Original Color

198.5380, 14.0318, -20.6428

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.6230, 5.1159, -7.5624

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.5380, 14.0318, -20.6428 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(175, 205, 227)` looks like.

```
.text, #text, p{  
    color:rgb(175, 205, 227)  
}
```

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(175, 205, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 205, 227) }
```

Border

The CSS property to change the border of an element to YUV 198.5380, 14.0318, -20.6428 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(175, 205, 227) }
```


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

```
.border{ border-color:rgb(175, 205, 227) }
```

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

Here you see how a box with a 4 pixel rgb(175, 205, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 205, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 205, 227);  
box-shadow:4px 4px 4px 4px rgb(175, 205,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 198.5380, 14.0318, -20.6428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 205, 227) }
```

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

```
.background{ background-color: rgb(175,  
205, 227) }
```

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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