

Converting Colors

YUV(164.8960, 14.3483,
-28.8498)

Have a look what the booklet for
YUV(164.8960, 14.3483, -28.8498)
contains.

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Color

**YUV(164.8960, 14.3483,
-28.8498)**

Conversions

Conversions Part 1

Format	Color
Hex	84B0C2
RGB	132, 176, 194
RGB Percent	52%, 69%, 76%
CMY	0.4824, 0.3098, 0.2392
CMYK	0.32, 0.09, 0.00, 0.24
HSL	197°, 34%, 64%
HSV	197°, 32%, 76%
XYZ	34.7787, 39.8512, 56.8980
YIQ	164.8960, -32.0020, -3.7300

Conversions

Conversions Part 2

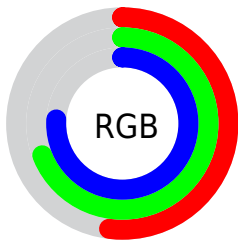
Format	Color
RYB	132, 158, 194
Decimal	8696002
CIELab	69.36, -10.32, -13.91
CIElCh	69, 17.324, 233.434
Yxy	39.8512, 0.2644, 0.3030
Android (android.graphics.Color)	4286886082 (0xFF84B0C2)
YUV	164.8960, 14.3483, -28.8498
Hunter-Lab	63.1278, -12.1337, -9.2494

Details

The YUV color **164.8960, 14.3483, -28.8498** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **161.1040, -14.3483, 28.8498**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.7110, 14.9325, -29.5645**, and **112.0810, 13.7641, -28.1350** is the 20% darker color. If you saturate the color by 10%, you get **155.6930, 18.8854, -37.4418**, and if you desaturate by 10%, it is **174.0990, 9.8112, -20.2578**.

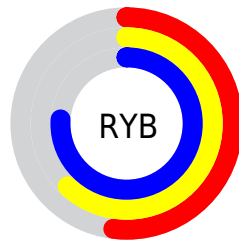
Distribution



Red (52%)

Green (69%)

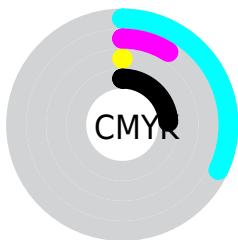
Blue (76%)



Red (52%)

Yellow (62%)

Blue (76%)

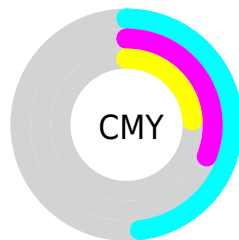


Cyan (32%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (48%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.8960, 14.3483, -28.8498 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 164.8960, 14.3483, -28.8498 by changing the saturation by 10% instead.

■ 164.8960, 14.3483,
-28.8498

■ 164.8960, 14.3483,
-28.8498

255.0000, 0.0000,
0.0000

■ 138.1950, 14.2009,
-28.2350

■ 220.7110, 14.9325,
-29.5645

■ 112.0810, 13.7641,
-28.1350

■ 243.0400, 5.8963,
-24.5911

■ 87.3690, 13.6221,
-29.2646

■ 251.7110, 1.6215,
-6.7625

■ 62.6570, 13.4801,
-30.3942

■ 38.1620, 14.2171,
-33.4681

■ 23.3270, 10.6848,
-20.4578

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 164.8960, 14.3483,
-28.8498

■ 164.8960, 14.3483,
-28.8498

■ 155.6930, 18.8854,
-37.4418

■ 174.0990, 9.8112,
-20.2578

■ 146.7780, 23.2804,
-47.1633

■ 183.0140, 5.4161,
-10.5363

■ 137.5750, 27.8175,
-55.7553

■ 192.2170, 0.8790,
-1.9443

■ 128.0730, 32.5020,
-64.9620

■ 201.7190, -3.8055,
7.2624

■ 119.4570, 36.7497,
-74.0688

■ 210.3350, -8.0532,
16.3692

■ 110.2540, 41.2868,
-82.6608

■ 219.5380,
-12.5902, 24.9612

■ 103.1220, 44.8029,
-90.4380

■ 224.5660,
-15.0690, 26.6906

■ 228.0880,
-16.8054, 23.6018

■ 231.6100,
-18.5417, 20.5130

Harmonies

Analogous

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



163.3920, 8.6807, -31.0388



164.8960, 14.3483, -28.8498



167.7170, 15.9155, -18.1688

Triad

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



164.8960, 14.3483, -28.8498



172.5560, 0.2189, 23.1914



167.1560, -13.3879, 0.7402

Complementary

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



164.8960, 14.3483, -28.8498



161.1040, -14.3483, 28.8498

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.



169.0760, -15.3205, 13.9653



164.8960, 14.3483, -28.8498



171.7430, -6.7753, 26.5354

Square

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



164.8960, 14.3483, -28.8498



172.4390, 7.6716, 12.7700



170.5270, -12.5848, 23.2168



165.2620, -7.5242, -13.3848

Rectangle

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



164.8960, 14.3483, -28.8498



169.5550, 15.0094, -7.5027



170.5270, -12.5848, 23.2168



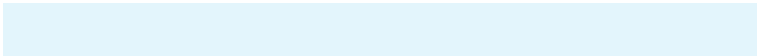
168.2490, -14.4198, 5.0436

Sweetspot

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



164.8960, 14.3483, -28.8498



240.4160, 5.7109, -11.7658



170.4460, -10.0799, -33.7171



120.2810, 3.8055, -7.2624



0.0000, 0.0000, 0.0000



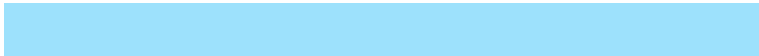
128.0000, 0.0000, 0.0000

Same Dimension

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



164.8960, 14.3483, -28.8498



207.7460, 21.8172, -44.5042



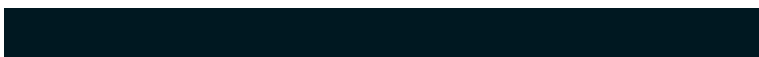
146.6990, 23.3194, -12.8910



92.2490, 2.3422, -4.6034



85.2720, 37.3339, -74.7835



17.8500, 7.4690, -15.6544

Inverse Universe

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



155.5540, 10.0799, 33.7171



193.1570, 15.6986, 51.6053



179.3010, -23.3194, 12.8910



90.7880, 1.5835, 5.4479



61.1350, 26.0624, 87.5816



12.6030, 5.6187, 17.8882

Previews

White Background



This preview shows how the YUV color 164.8960, 14.3483, -28.8498 looks on a white background.

Color Contrast Check

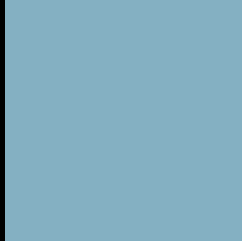
Large Text (above 18pt) WCAG AA × Fail

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 164.8960, 14.3483, -28.8498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

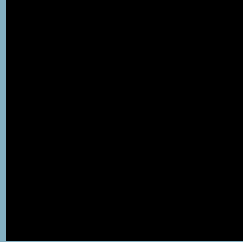
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.8960, 14.3483, -28.8498

Background



This preview shows how black text looks on a background with the YUV color 164.8960, 14.3483, -28.8498.



This preview shows how white text looks on a background with the YUV color 164.8960, 14.3483, -28.8498.

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

164.8960, 14.3483, -28.8498

Protanopia

169.7960, 9.4676, -3.3291

Deuteranopia

170.6270, 12.5089, 1.2041



Tritanopia

164.8420, 12.8959, -29.6794

Trichromacy



Original Color

164.8960, 14.3483, -28.8498

Protanomaly

168.1970, 11.2419, -12.4508

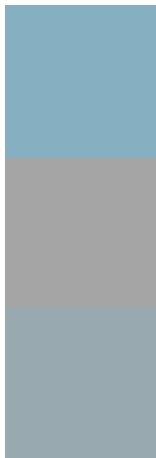
Deuteranomaly

168.3760, 13.1256, -9.9768

Tritanomaly

164.9560, 13.3327, -29.7794

Monochromacy



Original Color

164.8960, 14.3483, -28.8498

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.0140, 5.4161, -10.5363

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.8960, 14.3483, -28.8498 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(132, 176, 194)` looks like.

```
.text, #text, p{  
    color:rgb(132, 176, 194)  
}
```

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(132, 176, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 176, 194) }
```

Border

The CSS property to change the border of an element to YUV 164.8960, 14.3483, -28.8498 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(132, 176, 194) }
```


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

```
.border{ border-color:rgb(132, 176, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 176, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 176, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 176, 194); box-shadow:4px 4px 4px 4px rgb(132, 176, 194) }
```

Background

The CSS property to change the background color of an element to YUV 164.8960, 14.3483, -28.8498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 176, 194) }
```

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

```
.background{ background-color: rgb(132,  
176, 194) }
```

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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