

Converting Colors

YUV(192.5120, 6.6496,
-32.8980)

Have a look what the booklet for
YUV(192.5120, 6.6496, -32.8980)
contains.

YUV(192.5120, 6.6496, -32.8980)	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(192.5120, 6.6496,
-32.8980)**

Conversions

Conversions Part 1

Format	Color
Hex	9BD1CE
RGB	155, 209, 206
RGB Percent	61%, 82%, 81%
CMY	0.3922, 0.1804, 0.1922
CMYK	0.26, 0.00, 0.01, 0.18
HSL	177°, 37%, 71%
HSV	177°, 26%, 82%
XYZ	47.4586, 57.0257, 66.8983
YIQ	192.5120, -31.2210, -12.3810

Conversions

Conversions Part 2

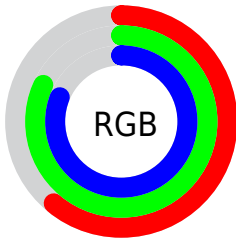
Format	Color
R _{YB}	155, 183, 209
Decimal	10211790
CIE Lab	80.19, -17.96, -4.17
CIE LCh	80, 18.439, 193.084
Yxy	57.0257, 0.2769, 0.3327
Android (android.graphics.Color)	4288401870 (0xFF9BD1CE)
YUV	192.5120, 6.6496, -32.8980
Hunter-Lab	75.5154, -19.9713, 0.3364

Details

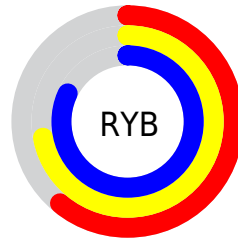
The YUV color $192.5120, 6.6496, -32.8980$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $171.4880, -6.6496, 32.8980$, and the grayscale version is $192.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.8440, 6.4859, -27.0502$, and $138.2240, 6.7916, -31.7684$ is the 20% darker color. If you saturate the color by 10%, you get $186.1190, 9.3083, -45.7084$, and if you desaturate by 10%, it is $198.9050, 3.9908, -20.0877$.

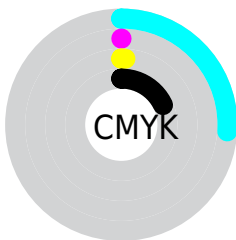
Distribution



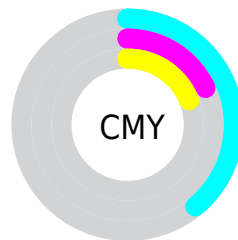
- Red (61%)
- Green (82%)
- Blue (81%)



- Red (61%)
- Yellow (72%)
- Blue (82%)



- Cyan (26%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)





- Cyan (39%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 192.5120, 6.6496, -32.8980 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 192.5120, 6.6496, -32.8980 by changing the saturation by 10% instead.

 192.5120, 6.6496,
-32.8980


 192.5120, 6.6496,
-32.8980

255.0000, 0.0000,
0.0000

 164.9250, 6.9390,
-32.3832

 241.8440, 6.4859,
-27.0502

 138.2240, 6.7916,
-31.7684

 250.2160, 2.3585,
-9.8364

 112.2240, 6.7916,
-31.7684

 87.2240, 6.7916,
-31.7684

 62.6260, 7.0864,
-32.9980

 39.0280, 7.3812,
-34.2276

 23.7200, 4.5750,

-20.8024

■ 2.4280, 4.2260,
-2.1294

■ 0.0000, 0.0000,
0.0000

■ 192.5120, 6.6496,
-32.8980

■ 192.5120, 6.6496,
-32.8980

■ 186.1190, 9.3083,
-45.7084

■ 198.9050, 3.9908,
-20.0877

■ 179.7260, 11.9671,
-58.5187

■ 205.2980, 1.3321,
-7.2773

■ 173.3330, 14.6258,
-71.3290

■ 211.6910, -1.3267,
5.5330

■ 166.8260, 16.8478,
-84.0394

■ 218.1980, -3.5486,
18.2434

■ 160.7320, 19.3591,
-96.2350

■ 223.0960, -5.4703,
27.9798

■ 154.3390, 22.0179,
-109.0453

■ 223.2100, -5.0335,
27.8798

■ 147.9460, 24.6766,
-121.8556

■ 223.3240, -4.5967,
27.7799

■ 145.1410, 25.5665,
-127.2887

■ 223.4380, -4.1599,
27.6799

■ 223.5520, -3.7231,
27.5799

Harmonies

Analogous

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



193.4610, -2.6923, -23.2063



192.5120, 6.6496, -32.8980



193.1620, 14.2171, -33.4681

Triad

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



192.5120, 6.6496, -32.8980



201.3290, 11.1768, 8.4815



199.1800, -16.3577, 20.0131

Complementary

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



192.5120, 6.6496, -32.8980



171.4880, -6.6496, 32.8980

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.



201.2610, -12.4537, 27.8351



192.5120, 6.6496, -32.8980



202.3540, 3.2765, 22.4915

Square

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



192.5120, 6.6496, -32.8980



199.4840, 16.0304, -8.3175



201.9220, -4.8915, 29.0094



197.5050, -16.0250, 6.5731

Rectangle

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



192.5120, 6.6496, -32.8980



195.1780, 16.6742, -28.2201



201.9220, -4.8915, 29.0094



200.1310, -15.3476, 22.6871

Sweetspot

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



192.5120, 6.6496, -32.8980



248.9060, 2.5113, -12.1956



187.8940, -16.2167, -25.3400



123.9990, 1.4795, -7.8921



0.0000, 0.0000, 0.0000



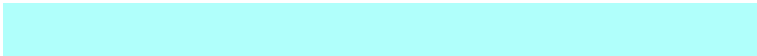
128.0000, 0.0000, 0.0000

Same Dimension

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



192.5120, 6.6496, -32.8980



230.9230, 9.8980, -48.1675



179.3530, 14.6160, -21.3576



101.5970, 1.1847, -6.6626



116.7420, 20.8332, -102.3827



28.5130, 5.1701, -25.0059

Inverse Universe

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



171.4880, -6.6496, 32.8980



200.0770, -9.8980, 48.1675



184.6470, -14.6160, 21.3576



97.4030, -1.1847, 6.6626



51.2580, -20.8332, 102.3827



12.4870, -5.1701, 25.0059

Previews

White Background



This preview shows how the YUV color 192.5120, 6.6496, -32.8980 looks on a white background.

Color Contrast Check

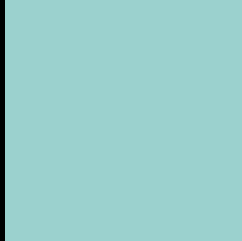
Large Text (above 18pt) WCAG AA × Fail

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 192.5120, 6.6496, -32.8980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

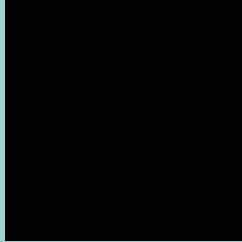
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 192.5120, 6.6496, -32.8980

Background



This preview shows how black text looks on a background with the YUV color 192.5120, 6.6496, -32.8980.



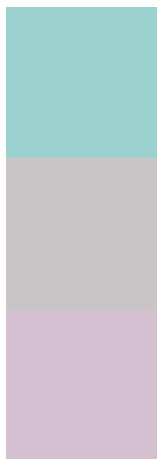
This preview shows how white text looks on a background with the YUV color 192.5120, 6.6496,

-32.8980.

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

192.5120, 6.6496, -32.8980

Protanopia

198.4240, 0.2840, 2.2592

Deuteranopia

199.9180, 4.4774, 10.5959



Tritanopia

193.8850, 14.3537, -30.5941

Trichromacy



Original Color

192.5120, 6.6496, -32.8980

Protanomaly

196.0310, 2.9427, -10.5512

Deuteranomaly

197.0470, 5.3998, -5.3032

Tritanomaly

193.4890, 11.5909, -31.1239

Monochromacy



Original Color

192.5120, 6.6496, -32.8980

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.9060, 2.5113, -12.1956

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.5120, 6.6496, -32.8980 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(155, 209, 206)` looks like.

```
.text, #text, p{  
    color:rgb(155, 209, 206)  
}
```

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(155, 209, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 209, 206) }
```

Border

The CSS property to change the border of an element to YUV 192.5120, 6.6496, -32.8980 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(155, 209, 206) }
```


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

```
.border{ border-color:rgb(155, 209, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 209, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 209, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 209, 206);  
box-shadow:4px 4px 4px 4px rgb(155, 209,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 192.5120, 6.6496, -32.8980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 209, 206) }
```

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

```
.background{ background-color: rgb(155,  
209, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor