

Converting Colors

YUV(130.3520, 32.3645,
-114.3187)

Have a look what the booklet for
YUV(130.3520, 32.3645, -114.3187)
contains.

YUV(130.3520, 32.3645, -114.3187)	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(130.3520, 32.3645,
-114.3187)**

Conversions

Conversions Part 1

Format	Color
Hex	00B8C4
RGB	0, 184, 196
RGB Percent	0%, 72%, 77%
CMY	1.0000, 0.2784, 0.2314
CMYK	1.00, 0.06, 0.00, 0.23
HSL	184°, 100%, 38%
HSV	184°, 100%, 77%
XYZ	27.1043, 38.2665, 58.1822
YIQ	130.3520, -113.5160, -35.2760

Conversions

Conversions Part 2

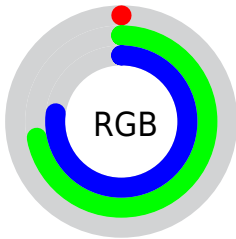
Format	Color
RYB	0, 95, 196
Decimal	47300
CIELab	68.22, -33.90, -17.09
CIELCh	68, 37.963, 206.763
Yxy	38.2665, 0.2194, 0.3097
Android (android.graphics.Color)	4278237380 (0xFF00B8C4)
YUV	130.3520, 32.3645, -114.3187
Hunter-Lab	61.8599, -30.0440, -12.4631

Details

The YUV color **130.3520, 32.3645, -114.3187** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **65.6480, -32.3645, 114.3187**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.8070, 25.7311, -86.6537**, and **92.4980, 24.4045, -81.1207** is the 20% darker color. If you saturate the color by 10%, you get **130.3520, 32.3645, -114.3187**, and if you desaturate by 10%, it is **136.9190, 29.1269, -102.5380**.

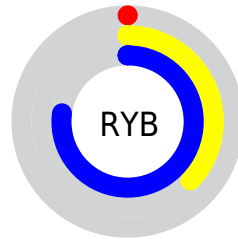
Distribution



Red (0%)

Green (72%)

Blue (77%)



Red (0%)

Yellow (37%)

Blue (77%)

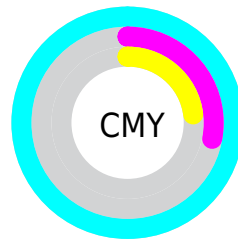


Cyan (100%)

Magenta (6%)

Yellow (0%)

Black (23%)



Cyan (100%)

Magenta (28%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.3520, 32.3645, -114.3187 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 130.3520, 32.3645, -114.3187 by changing the saturation by 10% instead.

130.3520, 32.3645,
-114.3187

130.3520, 32.3645,
-114.3187

255.0000, 0.0000,
0.0000

111.4250, 28.3845,
-97.7197

200.8070, 25.7311,
-86.6537

92.4980, 24.4045,
-81.1207

219.1200, 17.6888,
-73.7732

74.9730, 20.7193,
-65.7513

228.3890, 13.1192,
-54.7152

57.4480, 17.0341,
-50.3819

237.6580, 8.5496,
-35.6571

40.7380, 13.9332,
-35.7272

246.9270, 3.9800,
-16.5990

26.3760, 9.6746,
-23.1318

3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 130.3520, 32.3645,
-114.3187

■ 136.9190, 29.1269,
-102.5380

■ 143.1870, 26.0368,
-91.3720

■ 150.3410, 22.5099,
-80.1061

■ 156.6090, 19.4198,
-68.9401

■ 163.1760, 16.1822,
-57.1594

■ 169.7430, 12.9447,
-45.3786

■ 176.0110, 9.8546,
-34.2126

■ 183.1650, 6.3277,
-22.9467

■ 189.4330, 3.2375,
-11.7807

Harmonies

Analogous

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



146.9930, 6.9055, -68.3999



130.3520, 32.3645, -114.3187



143.6400, 39.1245, -89.1383

Triad

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



130.3520, 32.3645, -114.3187



171.1390, 16.2005, 30.5731



164.1470, -33.1035, 24.4271

Complementary

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



130.3520, 32.3645, -114.3187



65.6480, -32.3645, 114.3187

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.



166.6580, -27.9324, 45.9039



130.3520, 32.3645, -114.3187



170.1450, 0.4215, 51.6158

Square

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



130.3520, 32.3645, -114.3187



168.5460, 28.8178, -3.1098



168.3400, -15.4506, 55.8298



160.9370, -28.0699, -3.4527

Rectangle

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



130.3520, 32.3645, -114.3187



154.8980, 38.0113, -58.6695



168.3400, -15.4506, 55.8298



165.1310, -32.1096, 32.3341

Sweetspot

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



130.3520, 32.3645, -114.3187



229.3410, 12.6499, -44.1491



116.1920, -52.3527, -101.9004



112.4850, 7.6489, -26.7353



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.



130.3520, 32.3645, -114.3187



169.3630, 42.2190, -148.5314



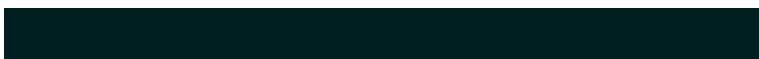
74.0000, 60.1460, -64.8980



93.4230, 1.7635, -5.6330



106.9910, 26.6264, -93.8311



21.9590, 5.4432, -19.2580

Inverse Universe

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



79.5800, 51.4791, 102.1003



103.4910, 66.8059, 132.8734



122.0000, -60.1460, 64.8980



91.0160, 2.4571, 5.2480



65.3530, 42.2240, 83.8824



13.4010, 8.6763, 17.1883

Previews

White Background



This preview shows how the YUV color 130.3520, 32.3645, -114.3187 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 130.3520, 32.3645, -114.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

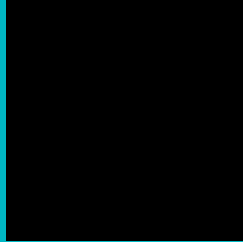
Any Text WCAG AA ✓ Pass

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 130.3520, 32.3645, -114.3187 Background



This preview shows how black text looks on a background with the YUV color 130.3520, 32.3645, -114.3187.



This preview shows how white text looks on a background with the YUV color 130.3520, 32.3645, -114.3187.

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

130.3520, 32.3645, -114.3187

Protanopia

165.8670, 8.4466, -2.5144

Deuteranopia

166.7450, 16.8877, -3.2844



Tritanopia

135.4780, 31.3163, -104.7822

Trichromacy



Original Color

130.3520, 32.3645, -114.3187

Protanomaly

152.9050, 17.3018, -42.8897

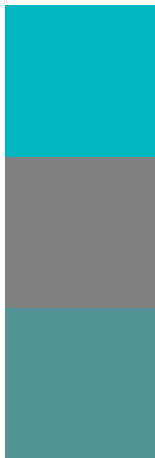
Deuteranomaly

153.5720, 22.3960, -43.4746

Tritanomaly

133.5700, 31.7640, -108.3709

Monochromacy



Original Color

130.3520, 32.3645, -114.3187

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.4230, 11.6235, -41.5900

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.3520, 32.3645, -114.3187 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(0, 184, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 184, 196)  
}
```

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(0, 184, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 184, 196) }
```

Border

The CSS property to change the border of an element to YUV 130.3520, 32.3645, -114.3187 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(0, 184, 196) }
```


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

```
.border{ border-color:rgb(0, 184, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 184, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 184, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 184, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 184,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 130.3520, 32.3645, -114.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 184, 196) }
```

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

```
.background{ background-color: rgb(0, 184,  
196) }
```

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