

Converting Colors

YUV(114.1420, 10.7760,
-96.5945)

Have a look what the booklet for
YUV(114.1420, 10.7760, -96.5945)
contains.

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Color

**YUV(114.1420, 10.7760,
-96.5945)**

Conversions

Conversions Part 1

Format	Color
Hex	04A688
RGB	4, 166, 136
RGB Percent	2%, 65%, 53%
CMY	0.9843, 0.3490, 0.4667
CMYK	0.98, 0.00, 0.18, 0.35
HSL	169°, 95%, 33%
HSV	169°, 98%, 65%
XYZ	18.1302, 29.0758, 27.9492
YIQ	114.1420, -86.9220, -43.6740

Conversions

Conversions Part 2

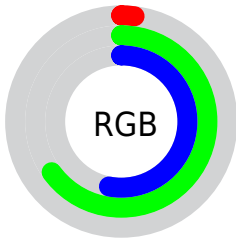
Format	Color
RYB	4, 93, 166
Decimal	304776
CIELab	60.85, -43.42, 5.39
CIElCh	61, 43.754, 172.922
Yxy	29.0758, 0.2412, 0.3869
Android (android.graphics.Color)	4278494856 (0xFF04A688)
YUV	114.1420, 10.7760, -96.5945
Hunter-Lab	53.9220, -34.3464, 7.0138

Details

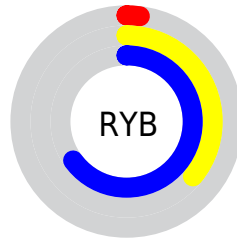
The YUV color **114.1420, 10.7760, -96.5945** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **55.8580, -10.7760, 96.5945**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.6670, 4.6012, -76.0070**, and **76.1350, 4.8634, -66.7704** is the 20% darker color. If you saturate the color by 10%, you get **112.8320, 10.9288, -98.9537**, and if you desaturate by 10%, it is **119.5670, 9.5805, -86.4433**.

Distribution



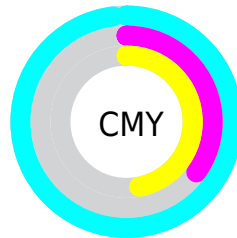
- Red (2%)
- Green (65%)
- Blue (53%)



- Red (2%)
- Yellow (36%)
- Blue (65%)



- Cyan (98%)
- Magenta (0%)
- Yellow (18%)
- Black (35%)



- Cyan (98%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.1420, 10.7760, -96.5945 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 114.1420, 10.7760, -96.5945 by changing the saturation by 10% instead.

■ 114.1420, 10.7760,
-96.5945

■ 114.1420, 10.7760,
-96.5945

■ 255.0000, 0.0000,
0.0000

■ 94.2470, 8.2592,
-82.6546

■ 179.6670, 4.6012,
-76.0070

■ 76.1350, 4.8634,
-66.7704

■ 208.8520, 4.0170,
-75.2922

■ 58.8380, 2.0519,
-51.6009

■ 223.3620, 10.6675,
-61.7075

■ 41.6550, -0.3229,
-36.5314

■ 233.4720, 10.6133,
-44.2639

■ 27.0480, -2.9817,
-23.7211

■ 242.4420, 6.1911,
-25.8206

■ 3.5220, -1.7363,
-3.0888

■ 251.4120, 1.7689,

■ 0.0000, 0.0000,

-7.3773

0.0000

■ 114.1420, 10.7760,
-96.5945

■ 114.1420, 10.7760,
-96.5945

■ 112.8320, 10.9288,
-98.9537

■ 119.5670, 9.5805,
-86.4433

■ 124.6930, 8.5324,
-76.9068

■ 130.1180, 7.3368,
-66.7555

■ 135.2440, 6.2887,
-57.2190

■ 140.6690, 5.0932,
-47.0677

■ 146.0940, 3.8977,
-36.9164

■ 151.3340, 3.2863,
-27.4799

■ 156.7590, 2.0908,
-17.3286

■ 161.8850, 1.0427,
-7.7921

Harmonies

Analogous

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



134.4860, -17.4946, -35.5062



114.1420, 10.7760, -96.5945



117.5060, 28.8375, -103.0528

Triad

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



114.1420, 10.7760, -96.5945



147.3970, 34.8073, -10.8722



145.9470, -29.5539, 52.6665

Complementary

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



114.1420, 10.7760, -96.5945



55.8580, -10.7760, 96.5945

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.



147.4380, -14.0199, 63.6369



114.1420, 10.7760, -96.5945



151.1050, 21.1472, 30.6029

Square

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



114.1420, 10.7760, -96.5945



131.6670, 45.0272, -68.9910



149.5030, 4.1890, 56.5639



143.7410, -37.3403, 30.0451

Rectangle

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



114.1420, 10.7760, -96.5945



118.8400, 39.0259, -104.2227



149.5030, 4.1890, 56.5639



146.5330, -24.9128, 57.4146

Sweetspot

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



114.1420, 10.7760, -96.5945



196.7950, 4.0451, -37.5312



108.6620, -51.5984, -63.7246



97.5410, 2.6913, -23.2765



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



114.1420, 10.7760, -96.5945



147.5570, 14.5154, -129.4075



88.7990, 38.0601, -74.3687



81.4940, 0.7425, -4.8182



100.6700, 10.0227, -88.2876



13.6780, 1.6377, -11.9956

Inverse Universe

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



55.8580, -10.7760, 96.5945



69.4430, -14.5154, 129.4075



81.2010, -38.0601, 74.3687



78.5060, -0.7425, 4.8182



47.3300, -10.0227, 88.2876



6.4360, -1.2009, 11.8956

Previews

White Background



This preview shows how the YUV color 114.1420, 10.7760, -96.5945 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 114.1420, 10.7760, -96.5945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

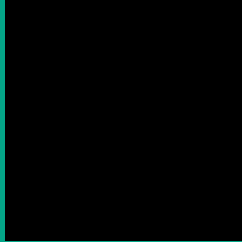
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.1420, 10.7760, -96.5945 Background



This preview shows how black text looks on a background with the YUV color 114.1420, 10.7760, -96.5945.

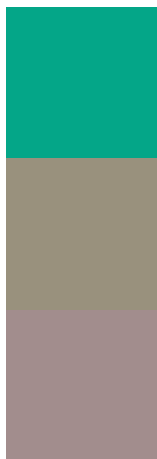


This preview shows how white text looks on a background with the YUV color 114.1420, 10.7760,

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

114.1420, 10.7760, -96.5945

Protanopia

145.1120, -9.9152, 6.9178

Deuteranopia

147.2790, -3.0955, 12.9103



Tritanopia

128.9940, 22.1880, -70.1547

Trichromacy



Original Color

114.1420, 10.7760, -96.5945



Protanomaly

134.1180, -2.5232, -30.7985



Deuteranomaly

135.2910, 1.8285, -26.5652



Tritanomaly

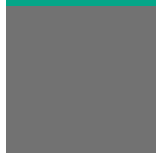
123.7880, 17.8525, -79.6211

Monochromacy



Original Color

114.1420, 10.7760, -96.5945



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

114.1050, 3.8922, -35.1721

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.1420, 10.7760, -96.5945 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(4, 166, 136)` looks like.

```
.text, #text, p{  
    color:rgb(4, 166, 136)  
}
```

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(4, 166, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 166, 136) }
```

Border

The CSS property to change the border of an element to YUV 114.1420, 10.7760, -96.5945 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(4, 166, 136) }
```


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

```
.border{ border-color:rgb(4, 166, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 166, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 166, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 166, 136);  
box-shadow:4px 4px 4px 4px rgb(4, 166,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 114.1420, 10.7760, -96.5945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 166, 136) }
```

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

```
.background{ background-color: rgb(4, 166,  
136) }
```

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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