

Converting Colors

YUV(112.3380, 10.1864,
-94.1354)

Have a look what the booklet for
YUV(112.3380, 10.1864, -94.1354)
contains.

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Color

**YUV(112.3380, 10.1864,
-94.1354)**

Conversions

Conversions Part 1

Format	Color
Hex	05A385
RGB	5, 163, 133
RGB Percent	2%, 64%, 52%
CMY	0.9804, 0.3608, 0.4784
CMYK	0.97, 0.00, 0.18, 0.36
HSL	169°, 94%, 33%
HSV	169°, 97%, 64%
XYZ	17.3934, 27.9201, 26.6627
YIQ	112.3380, -84.5380, -42.8260

Conversions

Conversions Part 2

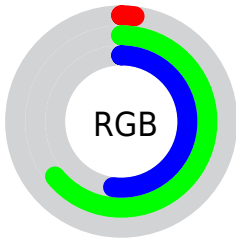
Format	Color
RYB	5, 92, 163
Decimal	369541
CIELab	59.82, -42.93, 5.59
CIELCh	60, 43.288, 172.577
Yxy	27.9201, 0.2417, 0.3879
Android (android.graphics.Color)	4278559621 (0xFF05A385)
YUV	112.3380, 10.1864, -94.1354
Hunter-Lab	52.8395, -33.7114, 7.0700

Details

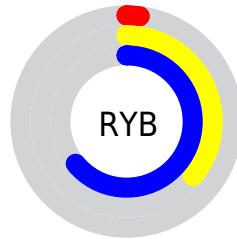
The YUV color **112.3380, 10.1864, -94.1354** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **55.6620, -10.1864, 94.1354**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.2650, 4.3064, -74.7774**, and **74.1460, 4.8580, -65.0260** is the 20% darker color. If you saturate the color by 10%, you get **110.7290, 10.4866, -97.1093**, and if you desaturate by 10%, it is **117.4640, 9.1382, -84.5989**.

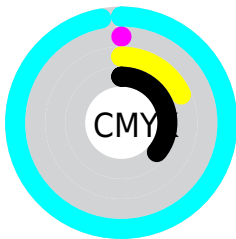
Distribution



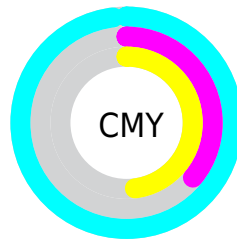
- Red (2%)
- Green (64%)
- Blue (52%)



- Red (2%)
- Yellow (36%)
- Blue (64%)



- Cyan (97%)
- Magenta (0%)
- Yellow (18%)
- Black (36%)



- Cyan (98%)
- Magenta (36%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.3380, 10.1864, -94.1354 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 112.3380, 10.1864, -94.1354 by changing the saturation by 10% instead.

■ 112.3380, 10.1864,
-94.1354

■ 112.3380, 10.1864,
-94.1354

■ 255.0000, 0.0000,
0.0000

■ 92.1440, 7.8170,
-80.8103

■ 177.2650, 4.3064,
-74.7774

■ 74.1460, 4.8580,
-65.0260

■ 206.4500, 3.7222,
-74.0626

■ 56.7350, 1.6096,
-49.7566

■ 222.7210, 9.5045,
-62.0223

■ 40.2530, -0.6177,
-35.3019

■ 233.1730, 10.7607,
-44.8787

■ 25.5320, -3.7133,
-22.3916

■ 242.1430, 6.3385,
-26.4354

■ 0.0000, 0.0000,
0.0000

■ 251.1130, 1.9163,

-7.9921

■ 112.3380, 10.1864,
-94.1354

■ 112.3380, 10.1864,
-94.1354

■ 110.7290, 10.4866,
-97.1093

■ 117.4640, 9.1382,
-84.5989

■ 122.8890, 7.9427,
-74.4477

■ 128.0150, 6.8946,
-64.9112

■ 133.1410, 5.8465,
-55.3747

■ 138.5660, 4.6510,
-45.2234

■ 143.8060, 4.0396,
-35.7869

■ 148.9320, 2.9915,
-26.2504

■ 154.0580, 1.9434,
-16.7139

■ 159.4830, 0.7479,
-6.5626

Harmonies

Analogous

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



132.0840, -17.7894, -34.2767



112.3380, 10.1864, -94.1354



115.2890, 27.9585, -101.1085

Triad

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



112.3380, 10.1864, -94.1354



144.8700, 34.0811, -11.2870



143.7620, -28.9697, 51.9517

Complementary

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



112.3380, 10.1864, -94.1354



55.6620, -10.1864, 94.1354

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.



144.8400, -13.7251, 62.4073



112.3380, 10.1864, -94.1354



148.3930, 21.0053, 29.4733

Square

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



112.3380, 10.1864, -94.1354



128.5530, 44.5904, -68.8910



146.7910, 4.0470, 55.4343



141.5560, -36.7561, 29.3304

Rectangle

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



112.3380, 10.1864, -94.1354



116.7370, 38.5837, -102.3783



146.7910, 4.0470, 55.4343



144.2340, -24.7654, 56.7998

Sweetspot

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



112.3380, 10.1864, -94.1354



192.0940, 3.8977, -36.9164



107.3140, -50.4408, -61.6654



95.1390, 2.3965, -22.0469



235.0000, 0.0000, 0.0000



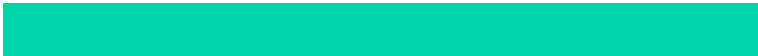
107.0000, 0.0000, 0.0000

Same Dimension

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



112.3380, 10.1864, -94.1354



143.9380, 13.3416, -126.2336



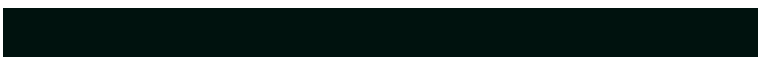
88.1690, 36.8917, -72.9392



79.0810, 0.4531, -5.3330



98.5670, 9.5805, -86.4433



12.1620, 0.9061, -10.6661

Inverse Universe

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



55.6620, -10.1864, 94.1354



67.9480, -13.7784, 126.3336



79.8310, -36.8917, 72.9392



75.9190, -0.4531, 5.3330



46.5470, -9.1437, 86.3433



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 112.3380, 10.1864, -94.1354 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 112.3380, 10.1864, -94.1354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

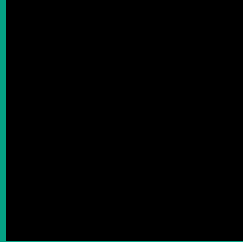
Any Text WCAG AA ✓ Pass

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 112.3380, 10.1864, -94.1354 Background



This preview shows how black text looks on a background with the YUV color 112.3380, 10.1864, -94.1354.

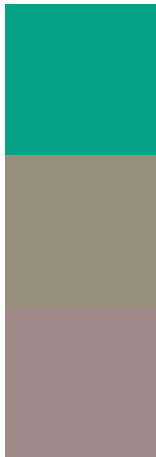


This preview shows how white text looks on a background with the YUV color 112.3380, 10.1864, -94.1354.

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

112.3380, 10.1864, -94.1354

Protanopia

142.8130, -9.7678, 6.3030

Deuteranopia

144.2790, -3.0955, 12.9103



Tritanopia

126.5920, 21.8931, -68.9252

Trichromacy



Original Color

112.3380, 10.1864, -94.1354

Protanomaly

131.5310, -2.2338, -30.2837

Deuteranomaly

132.5900, 1.6811, -25.9504

Tritanomaly

121.3860, 17.5577, -78.3915

Monochromacy



Original Color

112.3380, 10.1864, -94.1354

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.4040, 3.7448, -34.5573

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.3380, 10.1864, -94.1354 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(5, 163, 133)` looks like.

```
.text, #text, p{  
    color:rgb(5, 163, 133)  
}
```

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(5, 163, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 163, 133) }
```

Border

The CSS property to change the border of an element to YUV 112.3380, 10.1864, -94.1354 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(5, 163, 133) }
```


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

```
.border{ border-color:rgb(5, 163, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 163, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 163, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 163, 133);  
box-shadow:4px 4px 4px 4px rgb(5, 163,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 112.3380, 10.1864, -94.1354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 163, 133) }
```

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

```
.background{ background-color: rgb(5, 163,  
133) }
```

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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