

Converting Colors

YUV(114.1010, 9.8102,
-66.7406)

Have a look what the booklet for
YUV(114.1010, 9.8102, -66.7406)
contains.

YUV(114.1010, 9.8102, -66.7406)	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(114.1010, 9.8102,
-66.7406)**

Conversions

Conversions Part 1

Format	Color
Hex	269586
RGB	38, 149, 134
RGB Percent	15%, 58%, 53%
CMY	0.8510, 0.4157, 0.4745
CMYK	0.74, 0.00, 0.10, 0.42
HSL	172°, 59%, 37%
HSV	172°, 74%, 58%
XYZ	15.8499, 23.6282, 26.2796
YIQ	114.1010, -61.3410, -28.1970

Conversions

Conversions Part 2

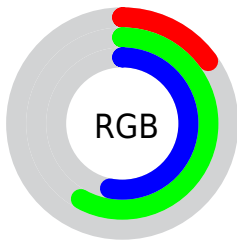
Format	Color
R_{YB}	38, 98, 149
Decimal	2528646
CIE Lab	55.71, -33.90, -0.88
CIE LCh	56, 33.911, 181.485
Yxy	23.6282, 0.2410, 0.3593
Android (android.graphics.Color)	4280718726 (0xFF269586)
YUV	114.1010, 9.8102, -66.7406
Hunter-Lab	48.6088, -26.8621, 1.9720

Details

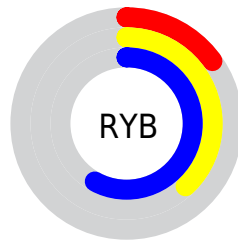
The YUV color **114.1010, 9.8102, -66.7406** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **72.8990, -9.8102, 66.7406**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.2650, 7.7574, -61.6224**, and **66.6290, 9.0569, -58.4336** is the 20% darker color. If you saturate the color by 10%, you get **109.3880, 11.1477, -75.7623**, and if you desaturate by 10%, it is **118.8140, 8.4727, -57.7189**.

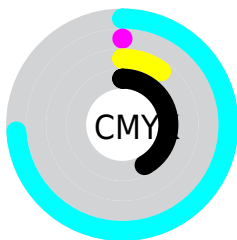
Distribution



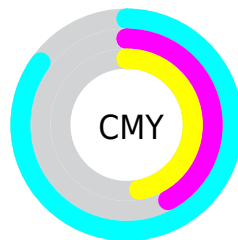
- Red (15%)
- Green (58%)
- Blue (53%)



- Red (15%)
- Yellow (38%)
- Blue (58%)



- Cyan (74%)
- Magenta (0%)
- Yellow (10%)
- Black (42%)



- Cyan (85%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.1010, 9.8102, -66.7406 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 114.1010, 9.8102, -66.7406 by changing the saturation by 10% instead.

■ 114.1010, 9.8102,
-66.7406

■ 114.1010, 9.8102,
-66.7406

■ 255.0000, 0.0000,
0.0000

■ 84.6270, 12.0159,
-74.2179

■ 171.2650, 7.7574,
-61.6224

■ 66.6290, 9.0569,
-58.4336

■ 199.5640, 7.6099,
-61.0076

■ 49.8050, 5.5191,
-43.6790

■ 224.9280, 8.9095,
-57.8189

■ 33.3230, 3.2918,
-29.2243

■ 234.9670, 9.8763,
-41.1901

■ 19.1890, -0.0932,
-16.8288

■ 243.6380, 5.6015,
-23.3615

■ 0.0000, 0.0000,
0.0000

■ 252.6080, 1.1793,

-4.9182

■ 114.1010, 9.8102,
-66.7406

■ 114.1010, 9.8102,
-66.7406

■ 109.3880, 11.1477,
-75.7623

■ 118.8140, 8.4727,
-57.7189

■ 104.6750, 12.4852,
-84.7840

■ 123.5270, 7.1352,
-48.6972

■ 102.1690, 13.2277,
-89.6022

■ 128.2400, 5.7977,
-39.6755

■ 132.9530, 4.4602,
-30.6538

■ 137.6660, 3.1227,
-21.6321

■ 142.0800, 1.9326,
-13.2252

■ 146.7930, 0.5951,
-4.2035

■ 151.5060, -0.7425,
4.8182

■ 156.2190, -2.0800,
13.8399

Harmonies

Analogous

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



123.2610, -9.4957, -34.4319



114.1010, 9.8102, -66.7406



105.4580, 28.3682, -92.4867

Triad

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



114.1010, 9.8102, -66.7406



135.6130, 23.8548, 2.0934



133.2870, -25.2845, 36.5823

Complementary

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



114.1010, 9.8102, -66.7406



72.8990, -9.8102, 66.7406

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.



134.6980, -15.1341, 47.6229



114.1010, 9.8102, -66.7406



137.4010, 12.1273, 30.3433

Square

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



114.1010, 9.8102, -66.7406



128.9290, 31.0940, -33.2637



135.9440, -1.4514, 45.6531



131.0690, -28.1350, 17.4795

Rectangle

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



114.1010, 9.8102, -66.7406



106.1080, 35.9358, -93.0567



135.9440, -1.4514, 45.6531



134.1180, -22.2432, 41.1155

Sweetspot

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



114.1010, 9.8102, -66.7406



180.4590, 3.7177, -25.8355



108.2400, -34.6283, -46.6915



89.0690, 1.9380, -14.9695



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



114.1010, 9.8102, -66.7406



139.5370, 15.0183, -103.9569



92.9180, 27.6484, -48.1631



71.7930, 0.5951, -4.2035



94.5720, 12.0430, -82.9396



6.8960, 1.0373, -6.0478

Inverse Universe

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



72.8990, -9.8102, 66.7406



75.4630, -15.0183, 103.9569



94.0820, -27.6484, 48.1631



69.2070, -0.5951, 4.2035



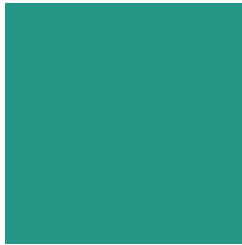
43.4280, -12.0430, 82.9396



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 114.1010, 9.8102, -66.7406 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 114.1010, 9.8102, -66.7406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

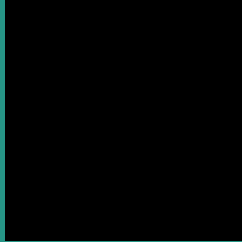
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.1010, 9.8102, -66.7406

Background



This preview shows how black text looks on a background with the YUV color 114.1010, 9.8102, -66.7406.



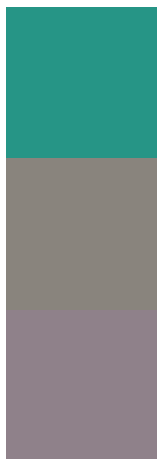
This preview shows how white text looks on a background with the YUV color 114.1010, 9.8102,

-66.7406.

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

114.1010, 9.8102, -66.7406

Protanopia

132.6970, -3.7946, 3.7737

Deuteranopia

134.2120, 1.8675, 7.7071



Tritanopia

119.1480, 18.6610, -58.8888

Trichromacy



Original Color

114.1010, 9.8102, -66.7406

Protanomaly

125.7970, 1.0861, -21.7470

Deuteranomaly

126.8450, 5.0064, -19.1581

Tritanomaly

117.3280, 15.6143, -61.6777

Monochromacy



Original Color

114.1010, 9.8102, -66.7406

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0570, 3.4229, -24.6060

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.1010, 9.8102, -66.7406 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(38, 149, 134)` looks like.

```
.text, #text, p{  
    color:rgb(38, 149, 134)  
}
```

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(38, 149, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 149, 134) }
```

Border

The CSS property to change the border of an element to YUV 114.1010, 9.8102, -66.7406 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(38, 149, 134) }
```


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

```
.border{ border-color:rgb(38, 149, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 149, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 149, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 149, 134);  
box-shadow:4px 4px 4px 4px rgb(38, 149,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 114.1010, 9.8102, -66.7406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 149, 134) }
```

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

```
.background{ background-color: rgb(38, 149,  
134) }
```

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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