

Converting Colors

YUV(114.0050, 35.4935,
-91.2124)

Have a look what the booklet for
YUV(114.0050, 35.4935, -91.2124)
contains.

YUV(114.0050, 35.4935, -91.2124)	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(114.0050, 35.4935,
-91.2124)**

Conversions

Conversions Part 1

Format	Color
Hex	0A99BA
RGB	10, 153, 186
RGB Percent	4%, 60%, 73%
CMY	0.9608, 0.4000, 0.2706
CMYK	0.95, 0.18, 0.00, 0.27
HSL	191°, 90%, 38%
HSV	191°, 95%, 73%
XYZ	20.3793, 26.3922, 50.4745
YIQ	114.0050, -95.8210, -20.0530

Conversions

Conversions Part 2

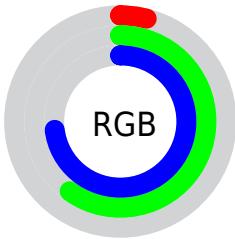
Format	Color
RYB	10, 89, 186
Decimal	694714
CIELab	58.41, -21.46, -26.50
CIELCh	58, 34.097, 230.999
Yxy	26.3922, 0.2096, 0.2714
Android (android.graphics.Color)	4278884794 (0xFF0A99BA)
YUV	114.0050, 35.4935, -91.2124
Hunter-Lab	51.3733, -19.0939, -22.2913

Details

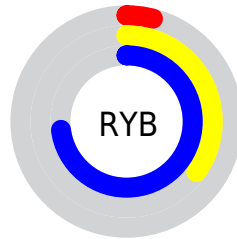
The YUV color **114.0050, 35.4935, -91.2124** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **81.9950, -35.4935, 91.2124**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.9860, 31.0659, -71.0247**, and **75.0360, 28.5763, -65.8066** is the 20% darker color. If you saturate the color by 10%, you get **109.8410, 37.5464, -96.3306**, and if you desaturate by 10%, it is **121.4470, 31.8246, -81.0760**.

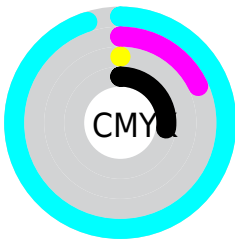
Distribution



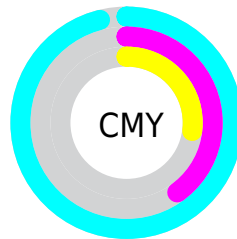
- Red (4%)
- Green (60%)
- Blue (73%)



- Red (4%)
- Yellow (35%)
- Blue (73%)



- Cyan (95%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)



- Cyan (96%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.0050, 35.4935, -91.2124 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 114.0050, 35.4935, -91.2124 by changing the saturation by 10% instead.

■ 114.0050, 35.4935,
-91.2124

■ 114.0050, 35.4935,
-91.2124

■ 255.0000, 0.0000,
0.0000

■ 92.6750, 32.6982,
-81.2760

■ 178.9860, 31.0659,
-71.0247

■ 75.0360, 28.5763,
-65.8066

■ 206.1730, 24.0717,
-67.6807

■ 57.9840, 24.1649,
-50.8520

■ 226.5950, 14.0037,
-58.4038

■ 41.1600, 20.6271,
-36.0973

■ 235.5650, 9.5815,
-39.9605

■ 26.7980, 16.3686,
-23.5018

■ 244.5350, 5.1592,
-21.5172

■ 6.0930, 15.7302,
-5.3436

■ 253.8040, 0.5896,

■ 2.2970, 6.2626,

-2.4591

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 114.0050, 35.4935,
-91.2124

■ 114.0050, 35.4935,
-91.2124

■ 109.8410, 37.5464,
-96.3306

■ 121.4470, 31.8246,
-81.0760

■ 129.1770, 28.0137,
-72.0692

■ 136.6190, 24.3448,
-61.9329

■ 144.3490, 20.5339,
-52.9261

■ 151.7910, 16.8650,
-42.7897

■ 159.8200, 12.9067,
-33.1681

■ 166.9630, 9.3852,
-23.6466

■ 174.9920, 5.4269,
-14.0250

■ 182.1350, 1.9054,
-4.5034

Harmonies

Analogous

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



109.9260, 25.1795, -96.4051



114.0050, 35.4935, -91.2124



132.0090, 33.0266, -46.4889

Triad

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



114.0050, 35.4935, -91.2124



143.8880, 3.5062, 42.1942



136.2520, -25.7602, 2.4100

Complementary

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



114.0050, 35.4935, -91.2124



81.9950, -35.4935, 91.2124

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.



139.2980, -28.7409, 25.1717



114.0050, 35.4935, -91.2124



142.5610, -10.6296, 49.4970

Square

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



114.0050, 35.4935, -91.2124



144.1980, 16.6644, 21.7514



140.7160, -22.5380, 42.3451



131.9480, -14.7644, -24.5104

Rectangle

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



114.0050, 35.4935, -91.2124



139.2510, 29.4563, -21.2681



140.7160, -22.5380, 42.3451



137.1390, -27.6765, 10.4021

Sweetspot

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



114.0050, 35.4935, -91.2124



214.6240, 13.4964, -35.6272



116.9600, -36.9553, -93.8039



105.6320, 8.0694, -21.6023



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



114.0050, 35.4935, -91.2124



143.2270, 48.6951, -125.6101



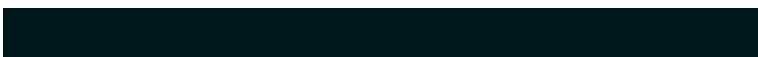
62.9360, 60.6706, -46.4249



88.1350, 1.9054, -4.5034



91.7460, 31.6772, -80.4612



16.6930, 5.5744, -14.6398

Inverse Universe

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



78.9260, 36.5185, 93.9039



94.8160, 50.3767, 129.0804



133.0640, -60.6706, 46.4249



86.4890, 1.7309, 4.8331



61.0080, 32.0411, 83.3080



10.9940, 5.9190, 14.9143

Previews

White Background



This preview shows how the YUV color 114.0050, 35.4935, -91.2124 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 114.0050, 35.4935, -91.2124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

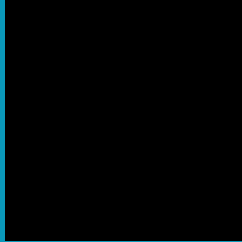
Any Text WCAG AA ✓ Pass

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 114.0050, 35.4935, -91.2124 Background



This preview shows how black text looks on a background with the YUV color 114.0050, 35.4935, -91.2124.

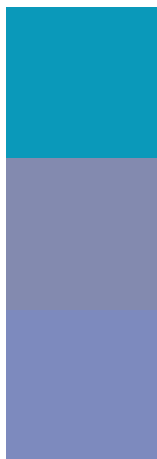


This preview shows how white text looks on a background with the YUV color 114.0050, 35.4935, -91.2124.

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

114.0050, 35.4935, -91.2124

Protanopia

140.1250, 17.1934, -8.0026

Deuteranopia

140.0410, 24.6298, -13.1910



Tritanopia

110.0230, 28.0897, -96.4902

Trichromacy



Original Color

114.0050, 35.4935, -91.2124

Protanomaly

130.3600, 23.9795, -38.0267

Deuteranomaly

130.3040, 28.9371, -41.4856

Tritanomaly

111.4300, 30.8470, -94.2161

Monochromacy



Original Color

114.0050, 35.4935, -91.2124

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8200, 12.9067, -33.1681

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.0050, 35.4935, -91.2124 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(10, 153, 186)` looks like.

```
.text, #text, p{  
    color:rgb(10, 153, 186)  
}
```

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(10, 153, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 153, 186) }
```

Border

The CSS property to change the border of an element to YUV 114.0050, 35.4935, -91.2124 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(10, 153, 186) }
```


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

```
.border{ border-color:rgb(10, 153, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 153, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 153, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 153, 186);  
box-shadow:4px 4px 4px 4px rgb(10, 153,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 114.0050, 35.4935, -91.2124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 153, 186) }
```

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

```
.background{ background-color: rgb(10, 153,  
186) }
```

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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