

Converting Colors

YUV(115.6570, 36.6511,
-89.1532)

Have a look what the booklet for
YUV(115.6570, 36.6511, -89.1532)
contains.

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Color

**YUV(115.6570, 36.6511,
-89.1532)**

Conversions

Conversions Part 1

Format	Color
Hex	0E99BE
RGB	14, 153, 190
RGB Percent	5%, 60%, 75%
CMY	0.9451, 0.4000, 0.2549
CMYK	0.93, 0.19, 0.00, 0.25
HSL	193°, 86%, 40%
HSV	193°, 93%, 75%
XYZ	20.8666, 26.5935, 52.7485
YIQ	115.6570, -94.7210, -17.9610

Conversions

Conversions Part 2

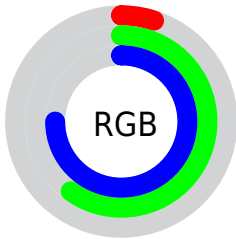
Format	Color
R_{YB}	14, 92, 190
Decimal	956862
CIE _{Lab}	58.60, -19.91, -28.46
CIE _{LCh}	59, 34.733, 235.033
Yxy	26.5935, 0.2082, 0.2654
Android (android.graphics.Color)	4279146942 (0xFF0E99BE)
YUV	115.6570, 36.6511, -89.1532
Hunter-Lab	51.5689, -18.0182, -24.5479

Details

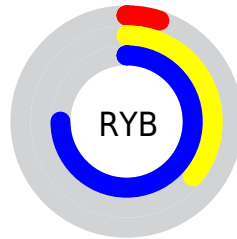
The YUV color **115.6570, 36.6511, -89.1532** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **88.3430, -36.6511, 89.1532**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.4530, 32.8077, -69.6803**, and **75.3780, 29.8866, -66.1065** is the 20% darker color. If you saturate the color by 10%, you get **109.7100, 39.5830, -96.2157**, and if you desaturate by 10%, it is **123.6860, 32.6928, -79.5316**.

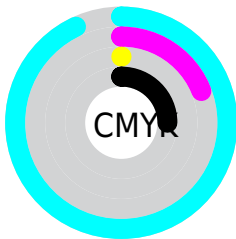
Distribution



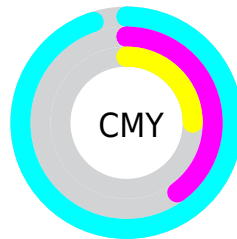
- Red (5%)
- Green (60%)
- Blue (75%)



- Red (5%)
- Yellow (36%)
- Blue (75%)



- Cyan (93%)
- Magenta (19%)
- Yellow (0%)
- Black (25%)



- Cyan (95%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.6570, 36.6511, -89.1532 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 115.6570, 36.6511, -89.1532 by changing the saturation by 10% instead.

■ 115.6570, 36.6511,
-89.1532

■ 115.6570, 36.6511,
-89.1532

255.0000, 0.0000,
0.0000

■ 93.1310, 34.4454,
-81.6759

■ 179.4530, 32.8077,
-69.6803

■ 75.3780, 29.8866,
-66.1065

■ 206.7710, 23.7769,
-66.4512

■ 58.4400, 25.9121,
-51.2519

■ 227.1930, 13.7089,
-57.1743

■ 42.0890, 21.6481,
-36.9121

■ 236.1630, 9.2866,
-38.7310

■ 27.1400, 17.6790,
-23.8018

■ 245.1330, 4.8644,
-20.2876

■ 6.4350, 17.0405,
-5.6435

254.4020, 0.2948,

■ 2.7530, 8.0098,

-1.2296

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 115.6570, 36.6511,
-89.1532

■ 115.6570, 36.6511,
-89.1532

■ 109.7100, 39.5830,
-96.2157

■ 123.6860, 32.6928,
-79.5316

■ 131.7150, 28.7345,
-69.9101

■ 139.7440, 24.7762,
-60.2885

■ 147.7730, 20.8179,
-50.6669

■ 155.8020, 16.8596,
-41.0454

■ 163.8310, 12.9013,
-31.4238

■ 171.8600, 8.9430,
-21.8022

■ 179.8890, 4.9847,
-12.1807

■ 187.9180, 1.0264,
-2.5591

Harmonies

Analogous

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



111.0830, 27.0741, -97.4198



115.6570, 36.6511, -89.1532



134.3300, 32.8683, -42.3854

Triad

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



115.6570, 36.6511, -89.1532



144.0410, 1.4588, 45.5680



136.3440, -25.3126, -1.1787

Complementary

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



115.6570, 36.6511, -89.1532



88.3430, -36.6511, 89.1532

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.



138.8740, -29.0249, 22.9125



115.6570, 36.6511, -89.1532



142.9910, -12.8136, 49.9969

Square

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



115.6570, 36.6511, -89.1532



144.8780, 15.3431, 25.5400



141.2490, -24.2798, 41.0006



131.3820, -13.0063, -28.3990

Rectangle

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



115.6570, 36.6511, -89.1532



140.5720, 29.2980, -17.1646



141.2490, -24.2798, 41.0006



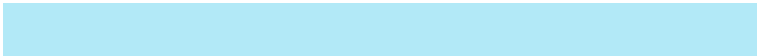
137.1170, -27.6657, 6.9134

Sweetspot

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



115.6570, 36.6511, -89.1532



218.1510, 14.2226, -35.2124



121.3020, -35.6449, -94.1039



106.8600, 8.9430, -21.8022



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



115.6570, 36.6511, -89.1532



142.6230, 51.4579, -125.0804



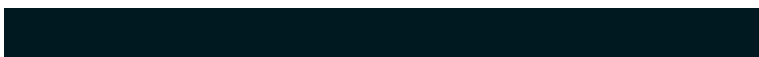
65.1750, 61.5387, -44.8805



90.1350, 1.9054, -4.5034



91.3870, 32.8402, -80.1464



17.6220, 6.5954, -15.4545

Inverse Universe

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



82.4700, 34.7713, 94.3038



96.0830, 48.7661, 132.3542



138.8250, -61.5387, 44.8805



88.4890, 1.7309, 4.8331



61.4920, 31.3094, 84.6375



12.0050, 5.9135, 16.6586

Previews

White Background



This preview shows how the YUV color 115.6570, 36.6511, -89.1532 looks on a white background.

Color Contrast Check

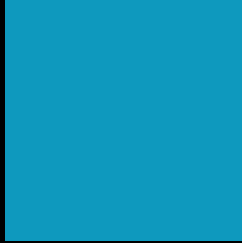
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.6570, 36.6511, -89.1532 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 115.6570, 36.6511, -89.1532 Background



This preview shows how black text looks on a background with the YUV color 115.6570, 36.6511, -89.1532.

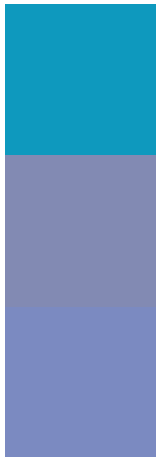


This preview shows how white text looks on a background with the YUV color 115.6570, 36.6511, -89.1532.

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

115.6570, 36.6511, -89.1532

Protanopia

140.2820, 19.0880, -9.0173

Deuteranopia

139.7850, 26.2350, -14.7204



Tritanopia

110.7240, 28.2371, -97.1049

Trichromacy



Original Color

115.6570, 36.6511, -89.1532

Protanomaly

131.1150, 25.5793, -37.8119

Deuteranomaly

130.6460, 30.2475, -41.7855

Tritanomaly

112.5440, 31.2838, -94.3161

Monochromacy



Original Color

115.6570, 36.6511, -89.1532

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.6460, 13.4855, -32.1385

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.6570, 36.6511, -89.1532 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(14, 153, 190)` looks like.

```
.text, #text, p{  
    color:rgb(14, 153, 190)  
}
```

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(14, 153, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 153, 190) }
```

Border

The CSS property to change the border of an element to YUV 115.6570, 36.6511, -89.1532 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(14, 153, 190) }
```


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

```
.border{ border-color:rgb(14, 153, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 153, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 153, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 153, 190);  
box-shadow:4px 4px 4px 4px rgb(14, 153,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 115.6570, 36.6511, -89.1532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 153, 190) }
```

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

```
.background{ background-color: rgb(14, 153,  
190) }
```

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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