

Converting Colors

YUV(115.3760, 12.6326,
-85.3988)

Have a look what the booklet for
YUV(115.3760, 12.6326, -85.3988)
contains.

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Color

**YUV(115.3760, 12.6326,
-85.3988)**

Conversions

Conversions Part 1

Format	Color
Hex	12A08D
RGB	18, 160, 141
RGB Percent	7%, 63%, 55%
CMY	0.9294, 0.3725, 0.4471
CMYK	0.89, 0.00, 0.12, 0.37
HSL	172°, 80%, 35%
HSV	172°, 89%, 63%
XYZ	17.6280, 27.1933, 29.5190
YIQ	115.3760, -78.5330, -36.0130

Conversions

Conversions Part 2

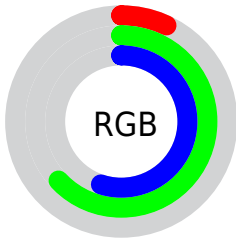
Format	Color
R_{YB}	18, 94, 160
Decimal	1220749
CIE _{Lab}	59.15, -38.79, 0.13
CIE _{LCh}	59, 38.795, 179.806
Yxy	27.1933, 0.2371, 0.3658
Android (android.graphics.Color)	4279410829 (0xFF12A08D)
YUV	115.3760, 12.6326, -85.3988
Hunter-Lab	52.1472, -30.9170, 2.9407

Details

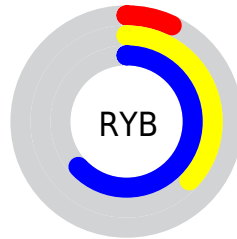
The YUV color **115.3760, 12.6326, -85.3988** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **62.6240, -12.6326, 85.3988**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.8400, 8.9529, -71.7737**, and **73.1830, 8.7838, -64.1815** is the 20% darker color. If you saturate the color by 10%, you get **110.3640, 14.1175, -95.0352**, and if you desaturate by 10%, it is **120.3880, 11.1477, -75.7623**.

Distribution



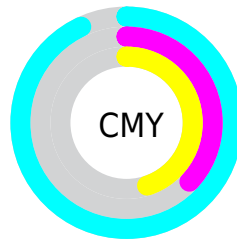
- Red (7%)
- Green (63%)
- Blue (55%)



- Red (7%)
- Yellow (37%)
- Blue (63%)



- Cyan (89%)
- Magenta (0%)
- Yellow (12%)
- Black (37%)



- Cyan (93%)
- Magenta (37%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.3760, 12.6326, -85.3988 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 115.3760, 12.6326, -85.3988 by changing the saturation by 10% instead.

■ 115.3760, 12.6326,
-85.3988

■ 115.3760, 12.6326,
-85.3988

■ 255.0000, 0.0000,
0.0000

■ 91.2950, 12.1796,
-80.0657

■ 176.8400, 8.9529,
-71.7737

■ 73.1830, 8.7838,
-64.1815

■ 205.9110, 7.9319,
-70.9589

■ 55.8860, 5.9722,
-49.0120

■ 224.6440, 12.9935,
-61.0778

■ 39.1760, 2.8712,
-34.3574

■ 233.7710, 10.4659,
-43.6492

■ 25.1560, -0.0769,
-22.0618

■ 242.7410, 6.0437,
-25.2059

■ 0.0000, 0.0000,
0.0000

■ 251.7110, 1.6215,

-6.7625

■ 115.3760, 12.6326,
-85.3988

■ 115.3760, 12.6326,
-85.3988

■ 110.3640, 14.1175,
-95.0352

■ 120.3880, 11.1477,
-75.7623

■ 109.7660, 14.4124,
-96.2648

■ 125.4000, 9.6628,
-66.1258

■ 130.4120, 8.1779,
-56.4893

■ 135.5380, 7.1298,
-46.9528

■ 140.5500, 5.6449,
-37.3163

■ 145.5620, 4.1599,
-27.6799

■ 150.5740, 2.6750,
-18.0434

■ 155.5860, 1.1901,
-8.4069

■ 160.5980, -0.2948,
1.2296

Harmonies

Analogous

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



130.3700, -11.5214, -38.0355



115.3760, 12.6326, -85.3988



113.2830, 30.4265, -99.3492

Triad

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



115.3760, 12.6326, -85.3988



145.0410, 28.0808, -0.0360



141.8210, -28.5058, 43.1300

Complementary

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



115.3760, 12.6326, -85.3988



62.6240, -12.6326, 85.3988

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.



143.4000, -16.4662, 54.9002



115.3760, 12.6326, -85.3988



146.5200, 15.0266, 33.7470

Square

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



115.3760, 12.6326, -85.3988



135.6550, 36.6521, -42.6704



145.2160, -0.5995, 52.4306



139.5380, -32.8032, 21.4532

Rectangle

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



115.3760, 12.6326, -85.3988



114.2750, 39.3044, -100.2192



145.2160, -0.5995, 52.4306



142.1790, -24.7382, 48.0780

Sweetspot

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



115.3760, 12.6326, -85.3988



191.4580, 5.1972, -33.7277



107.6330, -44.1891, -60.1911



94.2640, 2.8278, -20.4025



232.0000, 0.0000, 0.0000



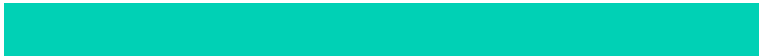
105.0000, 0.0000, 0.0000

Same Dimension

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



115.3760, 12.6326, -85.3988



143.3170, 18.5777, -125.6890



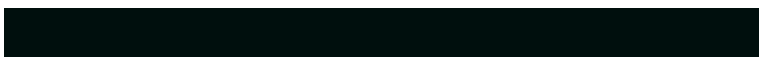
88.1920, 35.4013, -61.5584



76.4940, 0.7425, -4.8182



98.0770, 12.7800, -86.0135



10.2870, 1.3375, -9.0217

Inverse Universe

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



62.6240, -12.6326, 85.3988



65.6830, -18.5777, 125.6890



89.8080, -35.4013, 61.5584



73.5060, -0.7425, 4.8182



44.9230, -12.7800, 86.0135



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 115.3760, 12.6326, -85.3988 looks on a white background.

Color Contrast Check

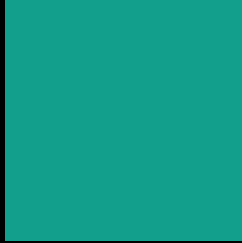
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.3760, 12.6326, -85.3988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

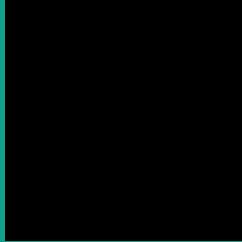
Any Text WCAG AA ✓ Pass

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 115.3760, 12.6326, -85.3988 Background



This preview shows how black text looks on a background with the YUV color 115.3760, 12.6326, -85.3988.

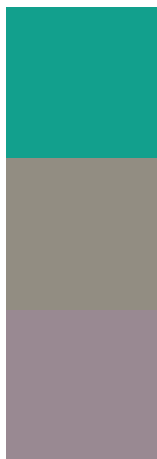


This preview shows how white text looks on a background with the YUV color 115.3760, 12.6326, -85.3988.

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

115.3760, 12.6326, -85.3988

Protanopia

141.2410, -5.5418, 4.1736

Deuteranopia

142.8100, 1.5727, 8.9366



Tritanopia

124.2930, 22.0406, -69.5400

Trichromacy



Original Color

115.3760, 12.6326, -85.3988

Protanomaly

131.7530, 1.1078, -28.7244

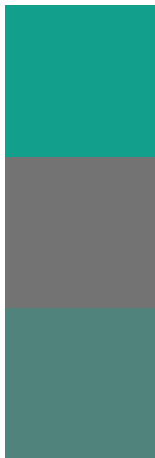
Deuteranomaly

132.6270, 5.6069, -25.1059

Tritanomaly

120.7500, 18.8573, -75.2027

Monochromacy



Original Color

115.3760, 12.6326, -85.3988

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.9530, 4.4602, -30.6538

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.3760, 12.6326, -85.3988 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(18, 160, 141)` looks like.

```
.text, #text, p{  
    color:rgb(18, 160, 141)  
}
```

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(18, 160, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 160, 141) }
```

Border

The CSS property to change the border of an element to YUV 115.3760, 12.6326, -85.3988 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(18, 160, 141) }
```


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

```
.border{ border-color:rgb(18, 160, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 160, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 160, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 160, 141);  
box-shadow:4px 4px 4px 4px rgb(18, 160,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 115.3760, 12.6326, -85.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 160, 141) }
```

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

```
.background{ background-color: rgb(18, 160,  
141) }
```

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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