

Converting Colors

YUV(114.3560, 22.9955,
-95.9052)

Have a look what the booklet for
YUV(114.3560, 22.9955, -95.9052)
contains.

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Color

**YUV(114.3560, 22.9955,
-95.9052)**

Conversions

Conversions Part 1

Format	Color
Hex	05A1A1
RGB	5, 161, 161
RGB Percent	2%, 63%, 63%
CMY	0.9804, 0.3686, 0.3686
CMYK	0.97, 0.00, 0.00, 0.37
HSL	180°, 94%, 33%
HSV	180°, 97%, 63%
XYZ	19.2405, 28.0952, 38.1271
YIQ	114.3560, -92.9760, -33.0720

Conversions

Conversions Part 2

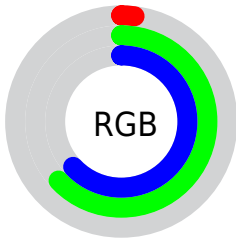
Format	Color
RYB	5, 83, 161
Decimal	369057
CIELab	59.97, -33.90, -9.98
CIELCh	60, 35.333, 196.402
Yxy	28.0952, 0.2251, 0.3287
Android (android.graphics.Color)	4278559137 (0xFF05A1A1)
YUV	114.3560, 22.9955, -95.9052
Hunter-Lab	53.0049, -27.9641, -5.5445

Details

The YUV color **114.3560, 22.9955, -95.9052** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **51.6440, -22.9955, 95.9052**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.5220, 17.9837, -75.0028**, and **76.5230, 16.5042, -67.1107** is the 20% darker color. If you saturate the color by 10%, you get **112.8610, 23.7325, -98.9791**, and if you desaturate by 10%, it is **119.1400, 20.6370, -86.0688**.

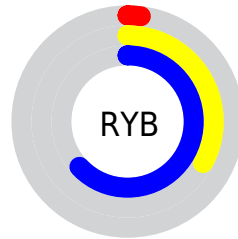
Distribution



Red (2%)

Green (63%)

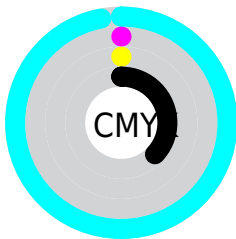
Blue (63%)



Red (2%)

Yellow (33%)

Blue (63%)

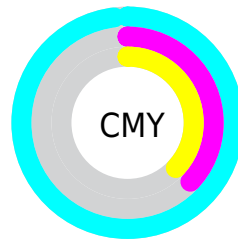


Cyan (97%)

Magenta (0%)

Yellow (0%)

Black (37%)



Cyan (98%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.3560, 22.9955, -95.9052 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 114.3560, 22.9955, -95.9052 by changing the saturation by 10% instead.

■ 114.3560, 22.9955,
-95.9052

■ 114.3560, 22.9955,
-95.9052

■ 255.0000, 0.0000,
0.0000

■ 94.0480, 20.1893,
-82.4801

■ 179.5220, 17.9837,
-75.0028

■ 76.5230, 16.5042,
-67.1107

■ 209.0060, 17.2520,
-73.6733

■ 58.9980, 12.8190,
-51.7412

■ 225.1000, 14.7407,
-61.4777

■ 42.2880, 9.7180,
-37.0866

■ 234.0700, 10.3185,
-43.0344

■ 27.4530, 6.1857,
-24.0763

■ 243.0400, 5.8963,
-24.5911

■ 2.9810, 8.8834,
-2.6143

■ 252.3090, 1.3267,

■ 0.0000, 0.0000,

-5.5330

0.0000

■ 114.3560, 22.9955,
-95.9052

■ 114.3560, 22.9955,
-95.9052

■ 112.8610, 23.7325,
-98.9791

■ 119.1400, 20.6370,
-86.0688

■ 123.9240, 18.2785,
-76.2323

■ 128.7080, 15.9200,
-66.3959

■ 133.4920, 13.5614,
-56.5595

■ 138.5750, 11.0555,
-46.1083

■ 143.3590, 8.6970,
-36.2718

■ 148.1430, 6.3385,
-26.4354

■ 152.9270, 3.9800,
-16.5990

■ 157.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



129.8550, -0.4215, -51.6158



114.3560, 22.9955, -95.9052



114.2920, 36.8310, -100.2341

Triad

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



114.3560, 22.9955, -95.9052



148.2730, 19.5854, 18.1776



143.5050, -29.3360, 29.3751

Complementary

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



114.3560, 22.9955, -95.9052



51.6440, -22.9955, 95.9052

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.



145.2650, -21.8226, 46.2486



114.3560, 22.9955, -95.9052



148.4580, 5.6902, 41.6943

Square

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



114.3560, 22.9955, -95.9052



144.5830, 29.2926, -15.4203



146.3270, -9.0352, 51.4562



140.7040, -27.9551, 6.3986

Rectangle

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



114.3560, 22.9955, -95.9052



127.9630, 36.0072, -69.2506



146.3270, -9.0352, 51.4562



144.0050, -27.6105, 35.9526

Sweetspot

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



114.3560, 22.9955, -95.9052



190.7610, 8.9918, -37.5014



96.5720, -45.1450, -80.3086



93.9370, 5.4541, -22.7467



232.0000, 0.0000, 0.0000



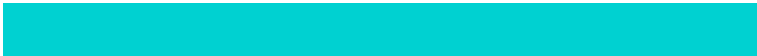
105.0000, 0.0000, 0.0000

Same Dimension

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



114.3560, 22.9955, -95.9052



146.5090, 30.8081, -128.4884



68.5700, 45.5680, -55.7509



79.3090, 1.3267, -5.5330



101.6450, 21.3740, -89.1427



12.6180, 2.6533, -11.0660

Inverse Universe

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



69.4280, 45.1450, 80.3086



86.3170, 60.4827, 107.5930



97.4300, -45.5680, 55.7509



76.7170, 2.6045, 4.6332



59.8850, 41.9617, 74.6459



7.4340, 5.2090, 9.2664

Previews

White Background



This preview shows how the YUV color 114.3560, 22.9955, -95.9052 looks on a white background.

Color Contrast Check

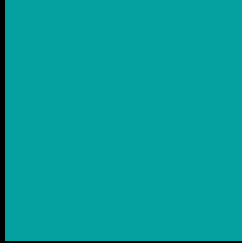
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.3560, 22.9955, -95.9052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

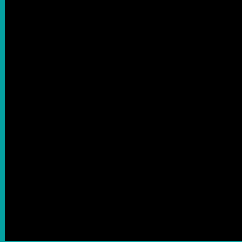
Any Text WCAG AA ✓ Pass

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 114.3560, 22.9955, -95.9052 Background



This preview shows how black text looks on a background with the YUV color 114.3560, 22.9955, -95.9052.

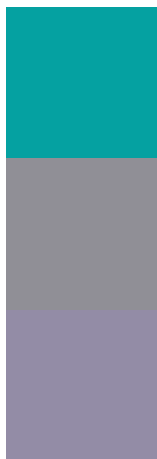


This preview shows how white text looks on a background with the YUV color 114.3560, 22.9955, -95.9052.

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

114.3560, 22.9955, -95.9052

Protanopia

144.0970, 2.9102, -0.0851

Deuteranopia

145.0570, 10.3249, 1.7040



Tritanopia

121.6120, 24.8413, -81.2207

Trichromacy



Original Color

114.3560, 22.9955, -95.9052

Protanomaly

133.4130, 10.1494, -35.4422

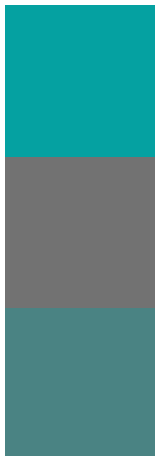
Deuteranomaly

133.9770, 14.8013, -34.1828

Tritanomaly

119.0520, 24.1314, -86.8686

Monochromacy



Original Color

114.3560, 22.9955, -95.9052

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9570, 8.4022, -35.0423

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.3560, 22.9955, -95.9052 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, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(5, 161, 161)  
}
```

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, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 161, 161) }
```

Border

The CSS property to change the border of an element to YUV 114.3560, 22.9955, -95.9052 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, 161, 161) }
```


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

```
.border{ border-color:rgb(5, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(5, 161,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 114.3560, 22.9955, -95.9052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 161, 161) }
```

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

```
.background{ background-color: rgb(5, 161,  
161) }
```

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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