

Converting Colors

YUV(95.7160, 44.0170,
-71.6649)

Have a look what the booklet for
YUV(95.7160, 44.0170, -71.6649)
contains.

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Color

**YUV(95.7160, 44.0170,
-71.6649)**

Conversions

Conversions Part 1

Format	Color
Hex	0E78B9
RGB	14, 120, 185
RGB Percent	5%, 47%, 73%
CMY	0.9451, 0.5294, 0.2745
CMYK	0.92, 0.35, 0.00, 0.27
HSL	203°, 86%, 39%
HSV	203°, 92%, 73%
XYZ	15.6545, 17.0291, 48.3608
YIQ	95.7160, -84.0410, -2.2570

Conversions

Conversions Part 2

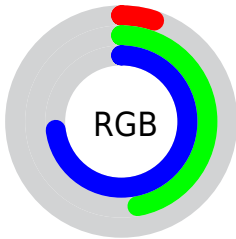
Format	Color
R_{YB}	14, 79, 185
Decimal	948409
CIE _{Lab}	48.30, -3.07, -41.74
CIE _{LCh}	48, 41.851, 265.800
Yxy	17.0291, 0.1932, 0.2101
Android (android.graphics.Color)	4279138489 (0xFF0E78B9)
YUV	95.7160, 44.0170, -71.6649
Hunter-Lab	41.2663, -4.5014, -40.5967

Details

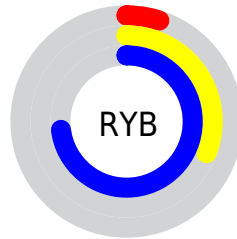
The YUV color **95.7160, 44.0170, -71.6649** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **103.2840, -44.0170, 71.6649**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.1420, 41.3420, -53.6215**, and **57.1980, 36.3844, -50.1626** is the 20% darker color. If you saturate the color by 10%, you get **88.5950, 47.5277, -77.6978**, and if you desaturate by 10%, it is **105.5060, 39.1905, -63.5878**.

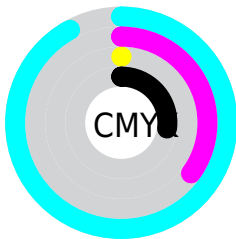
Distribution



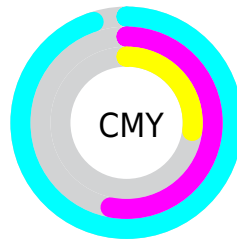
- Red (5%)
- Green (47%)
- Blue (73%)



- Red (5%)
- Yellow (31%)
- Blue (73%)



- Cyan (92%)
- Magenta (35%)
- Yellow (0%)
- Black (27%)



- Cyan (95%)
- Magenta (53%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.7160, 44.0170, -71.6649 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 95.7160, 44.0170, -71.6649 by changing the saturation by 10% instead.

■ 95.7160, 44.0170,
-71.6649

■ 95.7160, 44.0170,
-71.6649

■ 255.0000, 0.0000,
0.0000

■ 73.7770, 41.5219,
-64.7024

■ 157.1420, 41.3420,
-53.6215

■ 57.1980, 36.3844,
-50.1626

■ 183.8560, 35.0740,
-49.8627

■ 41.4340, 31.8310,
-36.3376

■ 209.2620, 22.5488,
-45.8338

■ 26.8440, 26.6989,
-23.5422

■ 234.6680, 10.0237,
-41.8048

■ 9.5470, 23.8873,
-8.3727

■ 243.6380, 5.6015,
-23.3615

■ 5.1640, 14.7091,
-4.5288

■ 252.6080, 1.1793,

■ 1.2540, 4.8048,

-4.9182

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 95.7160, 44.0170,
-71.6649

■ 95.7160, 44.0170,
-71.6649

■ 88.5950, 47.5277,
-77.6978

■ 105.5060, 39.1905,
-63.5878

■ 114.9970, 34.5115,
-56.1254

■ 124.4880, 29.8324,
-48.6630

■ 134.2780, 25.0059,
-40.5858

■ 143.7690, 20.3269,
-33.1234

■ 153.5590, 15.5004,
-25.0462

■ 163.3490, 10.6739,
-16.9691

■ 172.8400, 5.9949,
-9.5067

■ 182.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



94.7440, 38.0872, -83.0905



95.7160, 44.0170, -71.6649



115.3930, 30.8653, -6.4837

Triad

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



95.7160, 44.0170, -71.6649



113.8070, -13.7089, 57.1743



101.9850, -14.2896, -36.8208

Complementary

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



95.7160, 44.0170, -71.6649



103.2840, -44.0170, 71.6649

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.



108.0680, -30.1065, -3.5676



95.7160, 44.0170, -71.6649



113.3590, -27.7850, 45.2892

Square

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



95.7160, 44.0170, -71.6649



115.7260, 2.6001, 52.8603



111.3920, -34.7033, 24.2122



89.7960, 8.9746, -78.7511

Rectangle

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



95.7160, 44.0170, -71.6649



118.3810, 22.4902, 19.8369



111.3920, -34.7033, 24.2122



104.4550, -20.4373, -24.9550

Sweetspot

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



95.7160, 44.0170, -71.6649



204.7050, 17.4004, -27.8053



121.5590, -21.9676, -94.3292



98.3490, 10.6739, -16.9691



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



95.7160, 44.0170, -71.6649



114.8230, 61.7123, -100.6998



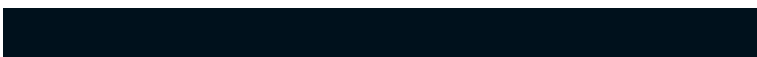
46.9950, 68.0365, -28.9366



86.9610, 2.4842, -3.4738



74.1360, 40.3590, -65.0173



13.1710, 7.3107, -11.5510

Inverse Universe

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



77.2130, 21.0940, 94.5292



88.7460, 29.7052, 132.6498



152.0050, -68.0365, 28.9366



86.2610, 0.8573, 5.0331



57.5880, 18.9371, 86.3073



10.3100, 3.2982, 15.5141

Previews

White Background



This preview shows how the YUV color 95.7160, 44.0170, -71.6649 looks on a white 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

Black Background



This preview shows how the YUV color 95.7160, 44.0170, -71.6649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

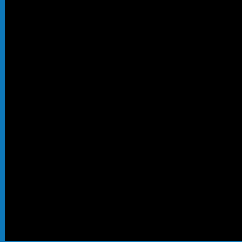
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.7160, 44.0170, -71.6649

Background



This preview shows how black text looks on a background with the YUV color 95.7160, 44.0170, -71.6649.



This preview shows how white text looks on a background with the YUV color 95.7160, 44.0170,

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

95.7160, 44.0170, -71.6649

Protanopia

112.9460, 32.0716, -20.1236

Deuteranopia

109.3400, 37.7934, -35.3782



Tritanopia

90.0530, 22.6519, -78.9765

Trichromacy



Original Color

95.7160, 44.0170, -71.6649

Protanomaly

106.6770, 36.6412, -39.1817

Deuteranomaly

104.5340, 40.1627, -48.7033

Tritanomaly

91.8390, 30.6454, -76.1578

Monochromacy



Original Color

95.7160, 44.0170, -71.6649

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9610, 15.7952, -26.2758

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.7160, 44.0170, -71.6649 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, 120, 185)` looks like.

```
.text, #text, p{  
    color:rgb(14, 120, 185)  
}
```

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, 120, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 120, 185) }
```

Border

The CSS property to change the border of an element to YUV 95.7160, 44.0170, -71.6649 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, 120, 185) }
```


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

```
.border{ border-color:rgb(14, 120, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 120, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 120, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 120, 185);  
box-shadow:4px 4px 4px 4px rgb(14, 120,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 95.7160, 44.0170, -71.6649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 120, 185) }
```

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

```
.background{ background-color: rgb(14, 120,  
185) }
```

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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