

Converting Colors

YUV(93.7650, 9.4829, -55.0449)

Have a look what the booklet for
YUV(93.7650, 9.4829, -55.0449)
contains.

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Color

**YUV(93.7650, 9.4829,
-55.0449)**

Conversions

Conversions Part 1

Format	Color
Hex	1F7A71
RGB	31, 122, 113
RGB Percent	12%, 48%, 44%
CMY	0.8784, 0.5216, 0.5569
CMYK	0.75, 0.00, 0.07, 0.52
HSL	174°, 59%, 30%
HSV	174°, 75%, 48%
XYZ	10.5052, 15.4026, 18.0421
YIQ	93.7650, -51.3470, -22.0910

Conversions

Conversions Part 2

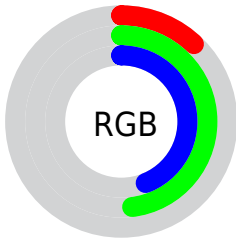
Format	Color
R_{YB}	31, 79, 122
Decimal	2062961
CIE _{Lab}	46.18, -28.07, -2.64
CIE _{LCh}	46, 28.192, 185.380
Yxy	15.4026, 0.2390, 0.3505
Android (android.graphics.Color)	4280253041 (0xFF1F7A71)
YUV	93.7650, 9.4829, -55.0449
Hunter-Lab	39.2462, -20.9007, 0.2158

Details

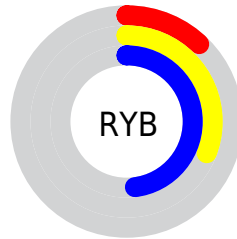
The YUV color **93.7650, 9.4829, -55.0449** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **59.2350, -9.4829, 55.0449**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.7440, 8.0142, -50.6415**, and **50.2610, 7.2663, -44.0789** is the 20% darker color. If you saturate the color by 10%, you get **90.0630, 10.8149, -62.3223**, and if you desaturate by 10%, it is **97.4670, 8.1508, -47.7676**.

Distribution



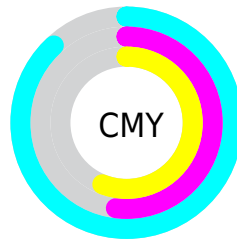
- Red (12%)
- Green (48%)
- Blue (44%)



- Red (12%)
- Yellow (31%)
- Blue (48%)



- Cyan (75%)
- Magenta (0%)
- Yellow (7%)
- Black (52%)



- Cyan (88%)
- Magenta (52%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.7650, 9.4829, -55.0449 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 93.7650, 9.4829, -55.0449 by changing the saturation by 10% instead.

■ 93.7650, 9.4829,
-55.0449

■ 93.7650, 9.4829,
-55.0449

■ 255.0000, 0.0000,
0.0000

■ 67.0850, 10.8041,
-58.8335

■ 148.7440, 8.0142,
-50.6415

■ 50.2610, 7.2663,
-44.0789

■ 176.6300, 7.5774,
-50.5415

■ 33.6650, 4.6022,
-29.5242

■ 204.3310, 7.7248,
-51.1563

■ 20.2320, 1.3646,
-17.7435

■ 230.2820, 8.7350,
-48.4823

■ 0.0000, 0.0000,
0.0000

■ 239.4520, 7.6652,
-31.9684

■ 248.1230, 3.3904,

-14.1399

■ 93.7650, 9.4829,
-55.0449

■ 93.7650, 9.4829,
-55.0449

■ 90.0630, 10.8149,
-62.3223

■ 97.4670, 8.1508,
-47.7676

■ 86.3610, 12.1470,
-69.5996

■ 101.1690, 6.8187,
-40.4902

■ 84.1540, 12.7421,
-73.8031

■ 105.2840, 5.7760,
-32.6981

■ 108.9860, 4.4439,
-25.4207

■ 112.6880, 3.1118,
-18.1434

■ 116.3900, 1.7797,
-10.8660

■ 120.0920, 0.4476,
-3.5887

■ 124.2070, -0.5951,
4.2035

■ 127.9090, -1.9271,
11.4808

Harmonies

Analogous

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



100.3200, -5.5808, -30.0986



93.7650, 9.4829, -55.0449



86.5310, 24.3882, -75.8877

Triad

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



93.7650, 9.4829, -55.0449



112.0280, 17.7342, 5.2374



109.0840, -20.7474, 27.9903

Complementary

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



93.7650, 9.4829, -55.0449



59.2350, -9.4829, 55.0449

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.



110.3870, -13.5018, 37.3716



93.7650, 9.4829, -55.0449



112.7550, 8.5018, 26.5249

Square

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



93.7650, 9.4829, -55.0449



106.8720, 24.2201, -21.8127



111.5470, -2.7347, 37.2313



107.2300, -22.2984, 12.0763

Rectangle

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



93.7650, 9.4829, -55.0449



92.7050, 27.2604, -63.7623



111.5470, -2.7347, 37.2313



109.2740, -18.8691, 32.2087

Sweetspot

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



93.7650, 9.4829, -55.0449



147.1930, 3.8489, -21.2173



87.1080, -27.6612, -41.3137



72.4930, 2.2220, -12.7104



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



93.7650, 9.4829, -55.0449



113.9460, 14.8166, -85.8986



73.6590, 23.8321, -37.4119



59.2060, 0.8844, -3.6887



86.2570, 13.1843, -75.6474



173.8020, 26.2266, -152.4244

Inverse Universe

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



59.2350, -9.4829, 55.0449



60.0540, -14.8166, 85.8986



79.3410, -23.8321, 37.4119



56.9080, -0.4476, 3.5887



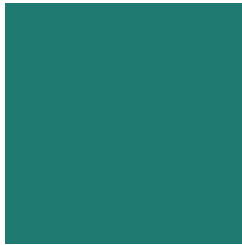
38.7430, -13.1843, 75.6474



78.1980, -26.2266, 152.4244

Previews

White Background



This preview shows how the YUV color 93.7650, 9.4829, -55.0449 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 93.7650, 9.4829, -55.0449 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 93.7650, 9.4829, -55.0449

Background



This preview shows how black text looks on a background with the YUV color 93.7650, 9.4829, -55.0449.



This preview shows how white text looks on a background with the YUV color 93.7650, 9.4829, -55.0449.

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

93.7650, 9.4829, -55.0449

Protanopia

108.8540, -1.9000, 2.7590

Deuteranopia

110.2440, 3.3307, 5.0480



Tritanopia

97.4050, 15.5763, -49.4672

Trichromacy



Original Color

93.7650, 9.4829, -55.0449

Protanomaly

103.4600, 2.2382, -17.9434

Deuteranomaly

104.3830, 5.7272, -16.9989

Tritanomaly

96.1120, 13.2558, -51.8412

Monochromacy



Original Color

93.7650, 9.4829, -55.0449

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.7910, 3.5540, -19.9877

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.7650, 9.4829, -55.0449 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(31, 122, 113)` looks like.

```
.text, #text, p{  
    color:rgb(31, 122, 113)  
}
```

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(31, 122, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 122, 113) }
```

Border

The CSS property to change the border of an element to YUV 93.7650, 9.4829, -55.0449 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(31, 122, 113) }
```


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

```
.border{ border-color:rgb(31, 122, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 122, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 122, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 122, 113);  
box-shadow:4px 4px 4px 4px rgb(31, 122,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 93.7650, 9.4829, -55.0449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 122, 113) }
```

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

```
.background{ background-color: rgb(31, 122,  
113) }
```

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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