

Converting Colors

YUV(79.4150, 17.0504,
-55.6150)

Have a look what the booklet for
YUV(79.4150, 17.0504, -55.6150)
contains.

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Color

**YUV(79.4150, 17.0504,
-55.6150)**

Conversions

Conversions Part 1

Format	Color
Hex	106972
RGB	16, 105, 114
RGB Percent	6%, 41%, 45%
CMY	0.9373, 0.5882, 0.5529
CMYK	0.86, 0.08, 0.00, 0.55
HSL	186°, 75%, 25%
HSV	186°, 86%, 45%
XYZ	8.3025, 11.4282, 17.6879
YIQ	79.4150, -55.9330, -16.0690

Conversions

Conversions Part 2

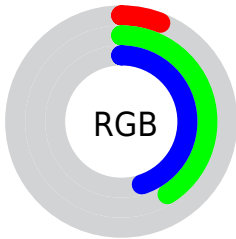
Format	Color
RYB	16, 63, 114
Decimal	1075570
CIELab	40.29, -20.79, -12.07
CIElCh	40, 24.040, 210.142
Yxy	11.4282, 0.2219, 0.3054
Android (android.graphics.Color)	4279265650 (0xFF106972)
YUV	79.4150, 17.0504, -55.6150
Hunter-Lab	33.8056, -15.3210, -7.3579

Details

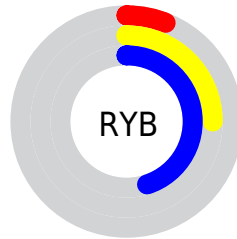
The YUV color **79.4150, 17.0504, -55.6150** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **50.5850, -17.0504, 55.6150**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.3020, 15.1341, -47.6229**, and **40.9830, 12.3334, -35.9421** is the 20% darker color. If you saturate the color by 10%, you get **75.5390, 18.9613, -61.8627**, and if you desaturate by 10%, it is **83.2910, 15.1395, -49.3672**.

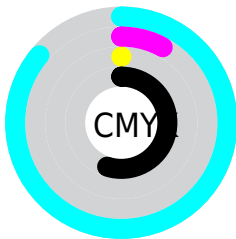
Distribution



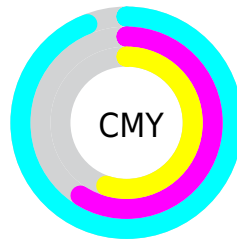
- Red (6%)
- Green (41%)
- Blue (45%)



- Red (6%)
- Yellow (25%)
- Blue (45%)



- Cyan (86%)
- Magenta (8%)
- Yellow (0%)
- Black (55%)



- Cyan (94%)
- Magenta (59%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.4150, 17.0504, -55.6150 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 79.4150, 17.0504, -55.6150 by changing the saturation by 10% instead.

79.4150, 17.0504,
-55.6150

79.4150, 17.0504,
-55.6150

255.0000, 0.0000,
0.0000

57.6930, 15.4344,
-50.5968

135.3020, 15.1341,
-47.6229

40.9830, 12.3334,
-35.9421

162.6010, 14.9867,
-47.0081

26.1480, 8.8010,
-22.9318

189.7150, 15.4235,
-47.1081

4.4970, 9.6150,
-3.9439

218.3020, 15.1341,
-47.6229

0.0000, 0.0000,
0.0000

236.4620, 9.1392,
-38.1162

245.1330, 4.8644,

-20.2876

253.8040, 0.5896,
-2.4591

79.4150, 17.0504,
-55.6150

79.4150, 17.0504,
-55.6150

75.5390, 18.9613,
-61.8627

83.2910, 15.1395,
-49.3672

74.0440, 19.6983,
-64.9366

87.4660, 13.0813,
-42.5047

91.3420, 11.1704,
-36.2569

95.5170, 9.1121,
-29.3944

99.3930, 7.2013,
-23.1467

■ 103.2690, 5.2904,
-16.8989

■ 107.4440, 3.2321,
-10.0364

■ 111.3200, 1.3212,
-3.7886

■ 115.4950, -0.7370,
3.0739

Harmonies

Analogous

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



83.7130, 5.0715, -40.0903



79.4150, 17.0504, -55.6150



84.3330, 21.5278, -45.0190

Triad

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



79.4150, 17.0504, -55.6150



97.7110, 8.5235, 19.5475



93.7400, -19.0988, 12.5060

Complementary

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



79.4150, 17.0504, -55.6150



50.5850, -17.0504, 55.6150

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.



95.0990, -16.8108, 25.3462



79.4150, 17.0504, -55.6150



97.3720, -0.6764, 30.3688

Square

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



79.4150, 17.0504, -55.6150



96.5390, 16.0033, 0.4043



95.9780, -9.8492, 32.4683



91.5530, -15.5556, -3.9930

Rectangle

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



79.4150, 17.0504, -55.6150



90.0190, 21.1896, -29.8347



95.9780, -9.8492, 32.4683



94.4740, -18.9677, 17.1243

Sweetspot

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



79.4150, 17.0504, -55.6150



133.9910, 6.9064, -21.9171



74.4380, -24.8659, -51.2501



65.9490, 3.9691, -13.1103



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



79.4150, 17.0504, -55.6150



95.5300, 25.8677, -83.7798



51.2390, 30.9412, -30.9046



54.2060, 0.8844, -3.6887



77.6630, 20.8721, -68.1105



160.2330, 42.7761, -140.5243

Inverse Universe

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



55.4480, 24.4291, 51.3501



59.5280, 36.7147, 77.5899



78.7610, -30.9412, 30.9046



52.4780, 1.7363, 3.0888



48.3060, 29.9221, 62.8756



99.5030, 61.8700, 129.3549

Previews

White Background



This preview shows how the YUV color 79.4150, 17.0504, -55.6150 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 79.4150, 17.0504, -55.6150 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 79.4150, 17.0504, -55.6150

Background



This preview shows how black text looks on a background with the YUV color 79.4150, 17.0504, -55.6150.



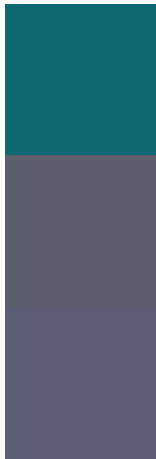
This preview shows how white text looks on a background with the YUV color 79.4150, 17.0504,

-55.6150.

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

79.4150, 17.0504, -55.6150

Protanopia

95.1830, 5.8258, -1.9145

Deuteranopia

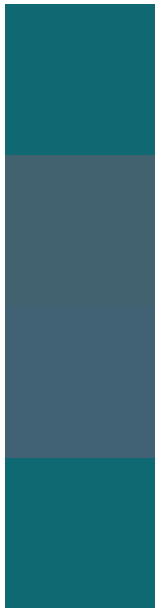
95.7360, 10.4832, -2.3995



Tritanopia

79.1160, 17.1978, -56.2297

Trichromacy



Original Color

79.4150, 17.0504, -55.6150

Protanomaly

89.5010, 10.1060, -21.4874

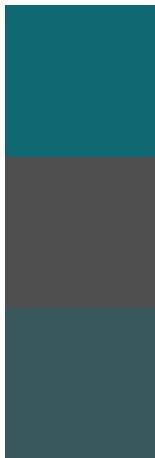
Deuteranomaly

89.5980, 13.0162, -21.5724

Tritanomaly

79.1160, 17.1978, -56.2297

Monochromacy



Original Color

79.4150, 17.0504, -55.6150

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.8880, 6.4642, -20.0728

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.4150, 17.0504, -55.6150 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(16, 105, 114)` looks like.

```
.text, #text, p{  
    color:rgb(16, 105, 114)  
}
```

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(16, 105, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 105, 114) }
```

Border

The CSS property to change the border of an element to YUV 79.4150, 17.0504, -55.6150 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(16, 105, 114) }
```


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

```
.border{ border-color:rgb(16, 105, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 105, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 105, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 105, 114);  
box-shadow:4px 4px 4px 4px rgb(16, 105,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 79.4150, 17.0504, -55.6150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 105, 114) }
```

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

```
.background{ background-color: rgb(16, 105,  
114) }
```

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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