

Converting Colors

YUV(104.6430, 17.9240,
-55.8149)

Have a look what the booklet for
YUV(104.6430, 17.9240, -55.8149)
contains.

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Color

**YUV(104.6430, 17.9240,
-55.8149)**

Conversions

Conversions Part 1

Format	Color
Hex	29828D
RGB	41, 130, 141
RGB Percent	16%, 51%, 55%
CMY	0.8392, 0.4902, 0.4471
CMYK	0.71, 0.08, 0.00, 0.45
HSL	187°, 55%, 36%
HSV	187°, 71%, 55%
XYZ	13.7048, 18.3598, 28.0208
YIQ	104.6430, -56.5750, -15.4470

Conversions

Conversions Part 2

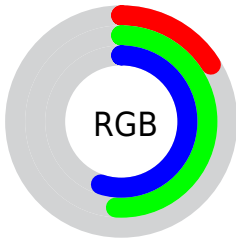
Format	Color
R_{YB}	41, 88, 141
Decimal	2720397
CIE _{Lab}	49.93, -21.99, -13.54
CIE _{LCh}	50, 25.826, 211.627
Yxy	18.3598, 0.2281, 0.3056
Android (android.graphics.Color)	4280910477 (0xFF29828D)
YUV	104.6430, 17.9240, -55.8149
Hunter-Lab	42.8483, -17.8922, -8.7791

Details

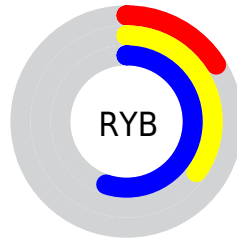
The YUV color **104.6430, 17.9240, -55.8149** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **77.3570, -17.9240, 55.8149**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.8500, 17.3290, -51.6114**, and **57.3340, 16.5973, -50.2819** is the 20% darker color. If you saturate the color by 10%, you get **99.2830, 20.5665, -63.3922**, and if you desaturate by 10%, it is **110.0030, 15.2815, -48.2376**.

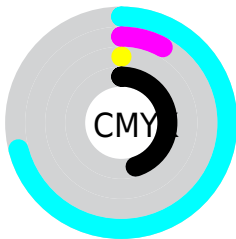
Distribution



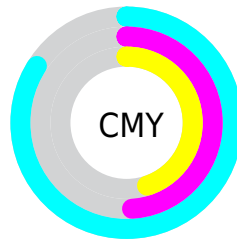
- Red (16%)
- Green (51%)
- Blue (55%)



- Red (16%)
- Yellow (35%)
- Blue (55%)



- Cyan (71%)
- Magenta (8%)
- Yellow (0%)
- Black (45%)



- Cyan (84%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.6430, 17.9240, -55.8149 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 104.6430, 17.9240, -55.8149 by changing the saturation by 10% instead.

■ 104.6430, 17.9240,
-55.8149

■ 104.6430, 17.9240,
-55.8149

■ 255.0000, 0.0000,
0.0000

■ 74.7450, 19.8457,
-65.5514

■ 159.8500, 17.3290,
-51.6114

■ 57.3340, 16.5973,
-50.2819

■ 187.8500, 17.3290,
-51.6114

■ 41.0970, 12.7702,
-36.0421

■ 216.1490, 17.1815,
-50.9967

■ 25.6750, 9.5272,
-22.5170

■ 234.3690, 10.1711,
-42.4196

■ 3.4370, 10.6306,
-3.0142

■ 243.0400, 5.8963,
-24.5911

■ 0.0000, 0.0000,
0.0000

■ 252.0100, 1.4741,

-6.1478

■ 104.6430, 17.9240,
-55.8149

■ 104.6430, 17.9240,
-55.8149

■ 99.2830, 20.5665,
-63.3922

■ 110.0030, 15.2815,
-48.2376

■ 94.5100, 22.9196,
-71.4843

■ 114.7760, 12.9284,
-40.1456

■ 89.4490, 25.4146,
-78.4468

■ 120.1360, 10.2860,
-32.5683

■ 124.9090, 7.9329,
-24.4762

■ 130.5680, 5.1430,
-16.2841

■ 135.3410, 2.7899,
-8.1921

■ 140.7010, 0.1474,
-0.6148

■ 145.4740, -2.2057,
7.4773

■ 150.8340, -4.8482,
15.0546

Harmonies

Analogous

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



107.5060, 5.6665, -44.2938



104.6430, 17.9240, -55.8149



109.4900, 23.4224, -46.0337

Triad

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



104.6430, 17.9240, -55.8149



122.4340, 8.6600, 22.4214



117.5830, -20.9934, 13.5207

Complementary

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



104.6430, 17.9240, -55.8149



77.3570, -17.9240, 55.8149

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.



118.9530, -18.7108, 28.1052



104.6430, 17.9240, -55.8149



121.4650, -1.7082, 34.6722

Square

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



104.6430, 17.9240, -55.8149



120.8920, 17.3082, 1.8487



120.2450, -11.4598, 35.7421



114.6130, -16.5712, -4.9226

Rectangle

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



104.6430, 17.9240, -55.8149



114.2900, 23.5210, -30.9493



120.2450, -11.4598, 35.7421



117.6160, -21.0097, 18.7538

Sweetspot

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



104.6430, 17.9240, -55.8149



169.4040, 7.1958, -21.4023



100.8400, -24.5711, -52.4797



83.3620, 4.2585, -12.5955



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



104.6430, 17.9240, -55.8149



126.7900, 28.2045, -86.6388



75.8800, 32.1042, -30.5898



68.9070, 1.0318, -4.3034



85.8300, 24.2408, -75.2729



5.0210, 1.4686, -4.4034

Inverse Universe

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



81.0460, 24.1343, 52.5797



90.3760, 37.2826, 82.1082



106.1200, -32.1042, 30.5898



66.8910, 2.0257, 3.6036



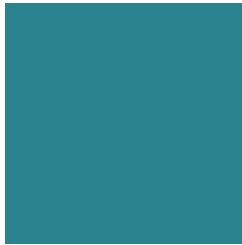
54.0450, 32.5158, 70.9975



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 104.6430, 17.9240, -55.8149 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 104.6430, 17.9240, -55.8149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

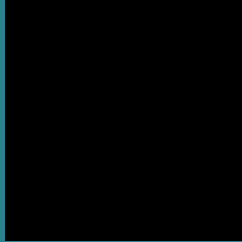
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 104.6430, 17.9240, -55.8149

Background



This preview shows how black text looks on a background with the YUV color 104.6430, 17.9240, -55.8149.

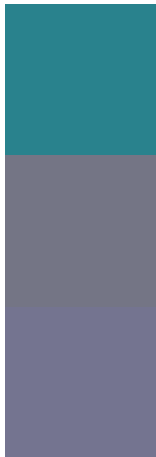


This preview shows how white text looks on a background with the YUV color 104.6430, 17.9240, -55.8149.

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

104.6430, 17.9240, -55.8149

Protanopia

118.5250, 7.1362, -2.2144

Deuteranopia

119.1920, 12.2303, -2.7994



Tritanopia

104.6430, 17.9240, -55.8149

Trichromacy



Original Color

104.6430, 17.9240, -55.8149

Protanomaly

113.7290, 10.9796, -21.6873

Deuteranomaly

113.9400, 14.3266, -21.8724

Tritanomaly

104.6430, 17.9240, -55.8149

Monochromacy



Original Color

104.6430, 17.9240, -55.8149

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8880, 6.4642, -20.0728

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.6430, 17.9240, -55.8149 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(41, 130, 141)` looks like.

```
.text, #text, p{  
    color:rgb(41, 130, 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(41, 130, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 130, 141) }
```

Border

The CSS property to change the border of an element to YUV 104.6430, 17.9240, -55.8149 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(41, 130, 141) }
```


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

```
.border{ border-color:rgb(41, 130, 141) }
```

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

Here you see how a box with a 4 pixel rgb(41, 130, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 130, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 130, 141);  
box-shadow:4px 4px 4px 4px rgb(41, 130,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 104.6430, 17.9240, -55.8149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 130, 141) }
```

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

```
.background{ background-color: rgb(41, 130,  
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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