

Converting Colors

YUV(105.2060, 17.1534,
-88.7577)

Have a look what the booklet for
YUV(105.2060, 17.1534, -88.7577)
contains.

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Color

**YUV(105.2060, 17.1534,
-88.7577)**

Conversions

Conversions Part 1

Format	Color
Hex	04968C
RGB	4, 150, 140
RGB Percent	2%, 59%, 55%
CMY	0.9843, 0.4118, 0.4510
CMYK	0.97, 0.00, 0.07, 0.41
HSL	176°, 95%, 30%
HSV	176°, 97%, 59%
XYZ	15.6900, 23.7320, 28.5647
YIQ	105.2060, -83.8060, -34.0620

Conversions

Conversions Part 2

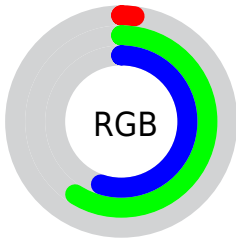
Format	Color
RYB	4, 80, 150
Decimal	300684
CIELab	55.82, -35.28, -4.21
CIELCh	56, 35.529, 186.801
Yxy	23.7320, 0.2308, 0.3491
Android (android.graphics.Color)	4278490764 (0xFF04968C)
YUV	105.2060, 17.1534, -88.7577
Hunter-Lab	48.7155, -27.7616, -0.6644

Details

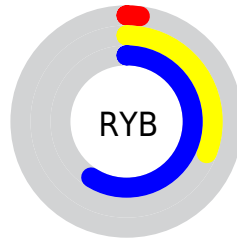
The YUV color **105.2060, 17.1534, -88.7577** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **48.7940, -17.1534, 88.7577**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9480, 11.8576, -70.1144**, and **67.7860, 10.9515, -59.4483** is the 20% darker color. If you saturate the color by 10%, you get **104.0100, 17.7431, -91.2168**, and if you desaturate by 10%, it is **109.8050, 15.3791, -79.6360**.

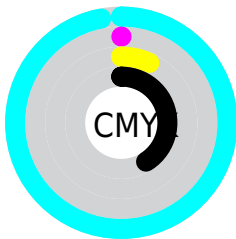
Distribution



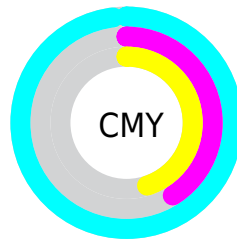
- Red (2%)
- Green (59%)
- Blue (55%)



- Red (2%)
- Yellow (31%)
- Blue (59%)



- Cyan (97%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)



- Cyan (98%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.2060, 17.1534, -88.7577 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 105.2060, 17.1534, -88.7577 by changing the saturation by 10% instead.

■ 105.2060, 17.1534,
-88.7577

■ 105.2060, 17.1534,
-88.7577

■ 255.0000, 0.0000,
0.0000

■ 85.8980, 14.3473,
-75.3325

■ 168.9480, 11.8576,
-70.1144

■ 67.7860, 10.9515,
-59.4483

■ 197.8450, 11.4154,
-68.2701

■ 51.0760, 7.8505,
-44.7937

■ 222.7360, 13.4412,
-64.6665

■ 34.4800, 5.1864,
-30.2390

■ 231.9770, 11.3503,
-47.3378

■ 19.7590, 2.0908,
-17.3286

■ 240.9470, 6.9281,
-28.8945

■ 0.0000, 0.0000,
0.0000

■ 249.9170, 2.5059,

-10.4512

■ 105.2060, 17.1534,
-88.7577

■ 105.2060, 17.1534,
-88.7577

■ 104.0100, 17.7431,
-91.2168

■ 109.8050, 15.3791,
-79.6360

■ 114.4040, 13.6048,
-70.5143

■ 119.0030, 11.8305,
-61.3926

■ 123.6020, 10.0562,
-52.2710

■ 128.2010, 8.2819,
-43.1493

■ 132.8000, 6.5076,
-34.0276

■ 137.3990, 4.7333,
-24.9059

■ 141.9980, 2.9590,
-15.7842

■ 146.5970, 1.1847,
-6.6626

Harmonies

Analogous

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



121.3140, -6.5638, -41.4944



105.2060, 17.1534, -88.7577



106.8430, 31.1364, -93.7013

Triad

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



105.2060, 17.1534, -88.7577



136.7170, 22.8175, 8.1412



133.2930, -27.7524, 34.8230

Complementary

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



105.2060, 17.1534, -88.7577



48.7940, -17.1534, 88.7577

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.



134.9000, -18.1917, 48.3227



105.2060, 17.1534, -88.7577



137.6790, 10.5113, 35.3615

Square

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



105.2060, 17.1534, -88.7577



130.1900, 31.9513, -28.2306



135.9830, -3.9356, 49.1269



130.7050, -29.4346, 14.2907

Rectangle

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



105.2060, 17.1534, -88.7577



106.7920, 38.5565, -93.6566



135.9830, -3.9356, 49.1269



133.7220, -25.0059, 40.5858

Sweetspot

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



105.2060, 17.1534, -88.7577



176.8000, 6.5076, -34.0276



93.2900, -44.0200, -67.7833



86.6060, 4.1382, -20.7025



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



105.2060, 17.1534, -88.7577



134.5120, 22.9186, -117.9670



70.5390, 39.1743, -58.3547



71.7930, 0.5951, -4.2035



95.5980, 15.9742, -83.8394



7.0100, 1.4741, -6.1478

Inverse Universe

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



48.7940, -17.1534, 88.7577



59.4880, -22.9186, 117.9670



83.4610, -39.1743, 58.3547



69.0930, -1.0318, 4.3034



42.2880, -16.4110, 83.9394



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 105.2060, 17.1534, -88.7577 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 105.2060, 17.1534, -88.7577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

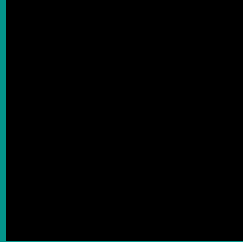
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 105.2060, 17.1534, -88.7577

Background



This preview shows how black text looks on a background with the YUV color 105.2060, 17.1534, -88.7577.



This preview shows how white text looks on a background with the YUV color 105.2060, 17.1534, -88.7577.

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

105.2060, 17.1534, -88.7577

Protanopia

132.9680, -1.4632, 2.6591

Deuteranopia

134.4120, 5.2199, 5.7777



Tritanopia

114.8800, 21.7512, -70.0548

Trichromacy



Original Color

105.2060, 17.1534, -88.7577

Protanomaly

123.1810, 5.3338, -30.8537

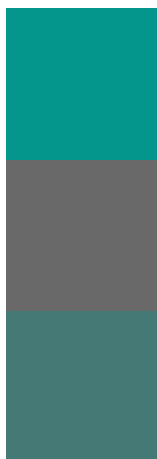
Deuteranomaly

123.9300, 9.4015, -28.8796

Tritanomaly

111.3800, 20.0257, -76.6323

Monochromacy



Original Color

105.2060, 17.1534, -88.7577

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8110, 6.5022, -32.2832

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.2060, 17.1534, -88.7577 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(4, 150, 140)` looks like.

```
.text, #text, p{  
    color:rgb(4, 150, 140)  
}
```

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(4, 150, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 150, 140) }
```

Border

The CSS property to change the border of an element to YUV 105.2060, 17.1534, -88.7577 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(4, 150, 140) }
```


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

```
.border{ border-color:rgb(4, 150, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 150, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 150, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 150, 140);  
box-shadow:4px 4px 4px 4px rgb(4, 150,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 105.2060, 17.1534, -88.7577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 150, 140) }
```

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

```
.background{ background-color: rgb(4, 150,  
140) }
```

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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