

Converting Colors

YUV(104.3940, 2.2708,
-28.4095)

Have a look what the booklet for
YUV(104.3940, 2.2708, -28.4095)
contains.

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Color

**YUV(104.3940, 2.2708,
-28.4095)**

Conversions

Conversions Part 1

Format	Color
Hex	48786D
RGB	72, 120, 109
RGB Percent	28%, 47%, 43%
CMY	0.7176, 0.5294, 0.5725
CMYK	0.40, 0.00, 0.09, 0.53
HSL	166°, 25%, 38%
HSV	166°, 40%, 47%
XYZ	12.1493, 15.9148, 16.8995
YIQ	104.3940, -25.0770, -13.5970

Conversions

Conversions Part 2

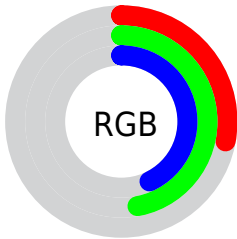
Format	Color
R_{YB}	72, 99, 120
Decimal	4749421
CIE _{Lab}	46.86, -19.09, 0.90
CIE _{LCh}	47, 19.112, 177.295
Yxy	15.9148, 0.2702, 0.3539
Android (android.graphics.Color)	4282939501 (0xFF48786D)
YUV	104.3940, 2.2708, -28.4095
Hunter-Lab	39.8933, -15.4523, 2.8090

Details

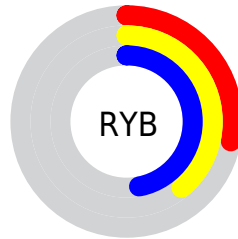
The YUV color $104.3940, 2.2708, -28.4095$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $87.6060, -2.2708, 28.4095$, and the grayscale version is $104.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $156.5680, 1.6920, -29.4391$, and $55.3230, 3.2918, -29.2243$ is the 20% darker color. If you saturate the color by 10%, you get $100.4640, 2.7292, -35.4869$, and if you desaturate by 10%, it is $108.3240, 1.8123, -21.3321$.

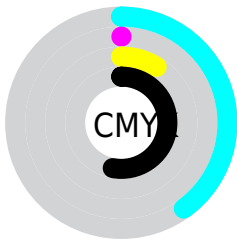
Distribution



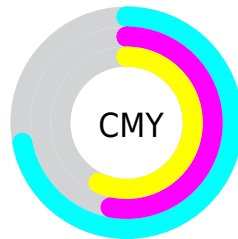
- Red (28%)
- Green (47%)
- Blue (43%)



- Red (28%)
- Yellow (39%)
- Blue (47%)



- Cyan (40%)
- Magenta (0%)
- Yellow (9%)
- Black (53%)



- Cyan (72%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.3940, 2.2708, -28.4095 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 104.3940, 2.2708, -28.4095 by changing the saturation by 10% instead.

■ 104.3940, 2.2708,
-28.4095

■ 104.3940, 2.2708,
-28.4095

■ 255.0000, 0.0000,
0.0000

■ 79.5080, 2.7076,
-28.5095

■ 156.5680, 1.6920,
-29.4391

■ 55.3230, 3.2918,
-29.2243

■ 183.2690, 1.8394,
-30.0539

■ 32.7360, 3.5812,
-28.7095

■ 211.2690, 1.8394,
-30.0539

■ 19.1890, -0.0932,
-16.8288

■ 238.4970, 2.7130,
-30.2539

■ 0.0000, 0.0000,
0.0000

■ 248.4220, 3.2430,
-13.5251

■ 104.3940, 2.2708,
-28.4095

■ 104.3940, 2.2708,
-28.4095

■ 100.4640, 2.7292,
-35.4869

■ 108.3240, 1.8123,
-21.3321

■ 96.5340, 3.1877,
-42.5643

■ 112.1400, 0.9170,
-14.1548

■ 92.7180, 4.0830,
-49.7417

■ 116.0700, 0.4585,
-7.0774

■ 88.7880, 4.5415,
-56.8191

■ 120.0000, 0.0000,
0.0000

■ 84.8580, 5.0000,
-63.8965

■ 123.9300, -0.4585,
7.0774

■ 80.9280, 5.4585,
-70.9739

■ 127.8600, -0.9170,
14.1548

■ 131.6760, -1.8123,
21.3321

■ 135.6060, -2.2708,

28.4095

■ 139.5360, -2.7292,
35.4869

Harmonies

Analogous

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



106.4790, -6.6451, -15.3291



104.3940, 2.2708, -28.4095



103.5270, 10.5862, -35.5422

Triad

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



104.3940, 2.2708, -28.4095



112.2570, 13.6773, -0.2254



111.7010, -13.1636, 22.1872

Complementary

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



104.3940, 2.2708, -28.4095



87.6060, -2.2708, 28.4095

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.



112.5150, -7.6489, 26.7353



104.3940, 2.2708, -28.4095



113.4500, 7.6661, 14.5143

Square

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



104.3940, 2.2708, -28.4095



109.2440, 16.6417, -17.7540



113.7410, -0.3653, 23.9061



110.6520, -15.6044, 11.7062

Rectangle

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



104.3940, 2.2708, -28.4095



104.2760, 14.6539, -33.5681



113.7410, -0.3653, 23.9061



112.3530, -12.0060, 24.2464

Sweetspot

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



104.3940, 2.2708, -28.4095



149.7490, 0.6167, -11.1809



103.4650, -15.5122, -17.9478



75.4830, 0.7479, -6.5626



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.



104.3940, 2.2708, -28.4095



131.5230, 3.1932, -44.3087



98.0170, 10.8376, -22.8169



59.0920, 0.4476, -3.5887



84.3190, 5.7587, -73.9478



170.1540, 12.2491, -149.2251

Inverse Universe

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



87.6060, -2.2708, 28.4095



105.3630, -3.6300, 44.4086



93.9830, -10.8376, 22.8169



56.9080, -0.4476, 3.5887



40.6810, -5.7587, 73.9478



81.9600, -11.8123, 149.1251

Previews

White Background



This preview shows how the YUV color 104.3940, 2.2708, -28.4095 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 104.3940, 2.2708, -28.4095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

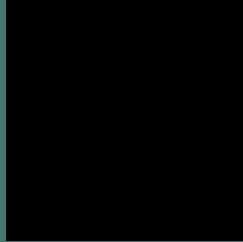
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.3940, 2.2708, -28.4095

Background



This preview shows how black text looks on a background with the YUV color 104.3940, 2.2708, -28.4095.



This preview shows how white text looks on a background with the YUV color 104.3940, 2.2708,

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

104.3940, 2.2708, -28.4095

Protanopia

110.5120, -3.2104, 3.0590

Deuteranopia

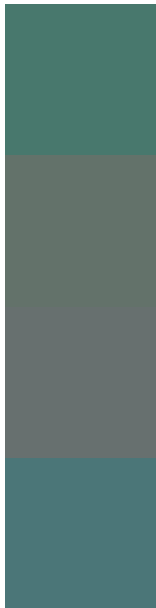
111.7560, 0.1203, 8.1070



Tritanopia

106.1800, 10.2643, -25.5909

Trichromacy



Original Color

104.3940, 2.2708, -28.4095

Protanomaly

108.6030, -1.2833, -8.4218

Deuteranomaly

109.1950, 0.8899, -5.4330

Tritanomaly

105.3710, 7.2121, -26.6354

Monochromacy



Original Color

104.3940, 2.2708, -28.4095

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.1620, 0.9061, -10.6661

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.3940, 2.2708, -28.4095 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(72, 120, 109)` looks like.

```
.text, #text, p{  
    color:rgb(72, 120, 109)  
}
```

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(72, 120, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 120, 109) }
```

Border

The CSS property to change the border of an element to YUV 104.3940, 2.2708, -28.4095 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(72, 120, 109) }
```


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

```
.border{ border-color:rgb(72, 120, 109) }
```

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

Here you see how a box with a 4 pixel rgb(72, 120, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 120, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 120, 109);  
box-shadow:4px 4px 4px 4px rgb(72, 120,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 104.3940, 2.2708, -28.4095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 120, 109) }
```

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

```
.background{ background-color: rgb(72, 120,  
109) }
```

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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