

Converting Colors

YUV(108.4960, 7.6435,
-24.9910)

Have a look what the booklet for
YUV(108.4960, 7.6435, -24.9910)
contains.

YUV(108.4960, 7.6435, -24.9910)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(108.4960, 7.6435,
-24.9910)**

Conversions

Conversions Part 1

Format	Color
Hex	50787C
RGB	80, 120, 124
RGB Percent	31%, 47%, 49%
CMY	0.6863, 0.5294, 0.5137
CMYK	0.35, 0.03, 0.00, 0.51
HSL	185°, 22%, 40%
HSV	185°, 35%, 49%
XYZ	13.6628, 16.5937, 21.5516
YIQ	108.4960, -25.1240, -7.2360

Conversions

Conversions Part 2

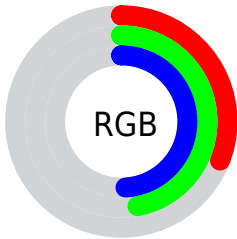
Format	Color
R_{YB}	80, 101, 124
Decimal	5273724
CIE _{Lab}	47.74, -12.84, -6.65
CIE _{LCh}	48, 14.459, 207.397
Yxy	16.5937, 0.2637, 0.3203
Android (android.graphics.Color)	4283463804 (0xFF50787C)
YUV	108.4960, 7.6435, -24.9910
Hunter-Lab	40.7353, -11.4170, -2.8535

Details

The YUV color $108.4960, 7.6435, -24.9910$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $95.5040, -7.6435, 24.9910$, and the grayscale version is $108.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $160.1970, 7.7909, -25.6058$, and $59.4960, 7.6435, -24.9910$ is the 20% darker color. If you saturate the color by 10%, you get $104.3210, 9.7017, -31.8535$, and if you desaturate by 10%, it is $112.6710, 5.5852, -18.1285$.

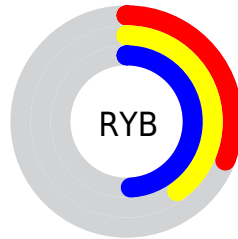
Distribution



Red (31%)

Green (47%)

Blue (49%)



Red (31%)

Yellow (40%)

Blue (49%)

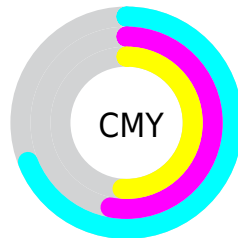


Cyan (35%)

Magenta (3%)

Yellow (0%)

Black (51%)



Cyan (69%)

Magenta (53%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.4960, 7.6435, -24.9910 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 108.4960, 7.6435, -24.9910 by changing the saturation by 10% instead.

■ 108.4960, 7.6435,
-24.9910

■ 108.4960, 7.6435,
-24.9910

■ 255.0000, 0.0000,
0.0000

■ 83.4960, 7.6435,
-24.9910

■ 160.1970, 7.7909,
-25.6058

■ 59.4960, 7.6435,
-24.9910

■ 187.8980, 7.9383,
-26.2205

■ 36.0010, 8.3805,
-28.0649

■ 215.5990, 8.0857,
-26.8353

■ 19.9700, 5.4378,
-17.5137

■ 242.4420, 6.1911,
-25.8206

■ 0.7980, 3.0576,
-0.6998

■ 251.1130, 1.9163,
-7.9921

■ 0.0000, 0.0000,
0.0000

■ 108.4960, 7.6435,
-24.9910

■ 108.4960, 7.6435,
-24.9910

■ 104.3210, 9.7017,
-31.8535

■ 112.6710, 5.5852,
-18.1285

■ 99.8470, 11.9074,
-39.3308

■ 117.1450, 3.3795,
-10.6512

■ 95.6720, 13.9657,
-46.1933

■ 121.3200, 1.3212,
-3.7886

■ 90.6110, 16.4608,
-53.1558

■ 126.3810, -1.1738,
3.1739

■ 86.4360, 18.5191,
-60.0184

■ 130.5560, -3.2321,
10.0364

■ 82.2610, 20.5773,
-66.8809

■ 134.7310, -5.2904,
16.8989

■ 80.4670, 21.4618,
-70.5696

■ 139.2050, -7.4961,
24.3762

■ 143.3800, -9.5543,

31.2387

■ 147.8540,
-11.7600, 38.7160

Harmonies

Analogous

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



108.6230, 1.6649, -20.7174



108.4960, 7.6435, -24.9910



109.8430, 11.4164, -21.7873

Triad

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



108.4960, 7.6435, -24.9910



115.5590, 5.6404, 10.9108



112.9660, -11.8152, 9.6768

Complementary

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



108.4960, 7.6435, -24.9910



95.5040, -7.6435, 24.9910

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.



114.0640, -10.3846, 17.4839



108.4960, 7.6435, -24.9910



115.7080, -0.3490, 18.6731

Square

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



108.4960, 7.6435, -24.9910



114.6330, 10.0409, -0.5551



114.9380, -5.8854, 21.1024



111.7690, -9.7461, -0.6744

Rectangle

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



108.4960, 7.6435, -24.9910



111.5170, 12.5631, -16.2394



114.9380, -5.8854, 21.1024



113.6890, -11.6787, 12.5507

Sweetspot

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



108.4960, 7.6435, -24.9910



154.4440, 3.2321, -10.0364



106.2840, -10.9860, -23.0511



78.1240, 1.9109, -6.2477



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



108.4960, 7.6435, -24.9910



136.2600, 12.1968, -38.8160



95.5820, 14.0101, -13.6654



59.2060, 0.8844, -3.6887



81.1680, 21.6092, -71.1843



163.7380, 43.5132, -143.5982

Inverse Universe

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



97.7160, 10.9860, 23.0511



119.6990, 16.9104, 36.2210



108.4180, -14.0101, 13.6654



57.4780, 1.7363, 3.0888



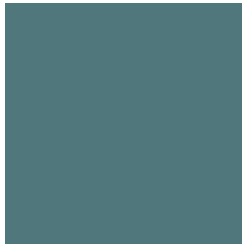
50.3710, 31.3691, 65.4496



101.5680, 63.3170, 131.9289

Previews

White Background



This preview shows how the YUV color 108.4960, 7.6435, -24.9910 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 108.4960, 7.6435, -24.9910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

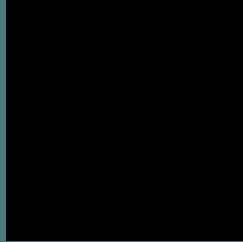
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.4960, 7.6435, -24.9910

Background



This preview shows how black text looks on a background with the YUV color 108.4960, 7.6435, -24.9910.



This preview shows how white text looks on a background with the YUV color 108.4960, 7.6435,

-24.9910.

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

108.4960, 7.6435, -24.9910

Protanopia

113.0970, 2.9102, -0.0851

Deuteranopia

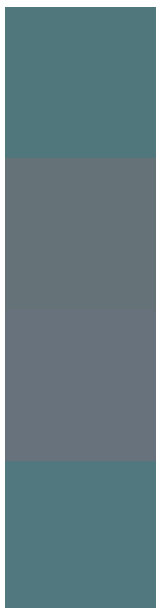
114.2160, 5.8095, 3.3186



Tritanopia

108.7780, 9.9694, -24.3613

Trichromacy



Original Color

108.4960, 7.6435, -24.9910

Protanomaly

111.4980, 4.6845, -9.2067

Deuteranomaly

112.2640, 6.2788, -7.2475

Tritanomaly

108.5500, 9.0959, -24.1613

Monochromacy



Original Color

108.4960, 7.6435, -24.9910

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.0420, 2.9373, -8.8068

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.4960, 7.6435, -24.9910 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(80, 120, 124)` looks like.

```
.text, #text, p{  
    color:rgb(80, 120, 124)  
}
```

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(80, 120, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 120, 124) }
```

Border

The CSS property to change the border of an element to YUV 108.4960, 7.6435, -24.9910 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(80, 120, 124) }
```


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

```
.border{ border-color:rgb(80, 120, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 120, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 120, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 120, 124);  
box-shadow:4px 4px 4px 4px rgb(80, 120,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 108.4960, 7.6435, -24.9910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 120, 124) }
```

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

```
.background{ background-color: rgb(80, 120,  
124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor