

Converting Colors

YUV(104.8040, -16.1724,
7.1879)

Have a look what the booklet for
YUV(104.8040, -16.1724, 7.1879)
contains.

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Color

**YUV(104.8040, -16.1724,
7.1879)**

Conversions

Conversions Part 1

Format	Color
Hex	716B48
RGB	113, 107, 72
RGB Percent	44%, 42%, 28%
CMY	0.5569, 0.5804, 0.7176
CMYK	0.00, 0.05, 0.36, 0.56
HSL	51°, 22%, 36%
HSV	51°, 36%, 44%
XYZ	13.2374, 14.4940, 8.2308
YIQ	104.8040, 14.8110, -9.6130

Conversions

Conversions Part 2

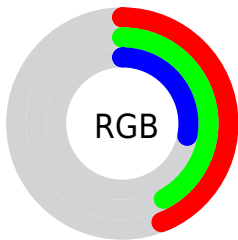
Format	Color
RYB	79, 113, 72
Decimal	7433032
CIELab	44.93, -3.47, 20.49
CIElCh	45, 20.784, 99.607
Yxy	14.4940, 0.3681, 0.4030
Android (android.graphics.Color)	4285623112 (0xFF716B48)
YUV	104.8040, -16.1724, 7.1879
Hunter-Lab	38.0710, -4.5589, 13.8314

Details

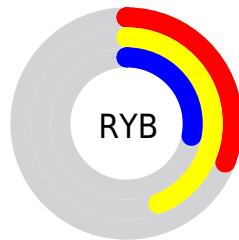
The YUV color **104.8040, -16.1724, 7.1879** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **80.1960, 16.1724, -7.1879**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.8750, -17.1934, 8.0026**, and **57.5480, -14.5672, 5.6584** is the 20% darker color. If you saturate the color by 10%, you get **102.3760, -20.3984, 9.3172**, and if you desaturate by 10%, it is **107.2320, -11.9464, 5.0585**.

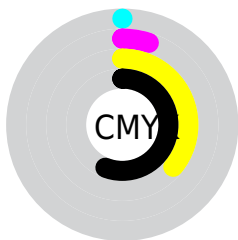
Distribution



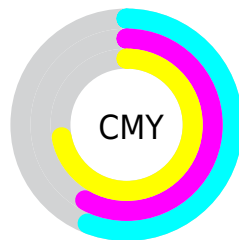
- Red (44%)
- Green (42%)
- Blue (28%)



- Red (31%)
- Yellow (44%)
- Blue (28%)



- Cyan (0%)
- Magenta (5%)
- Yellow (36%)
- Black (56%)



- Cyan (56%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.8040, -16.1724, 7.1879 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 104.8040, -16.1724, 7.1879 by changing the saturation by 10% instead.

■ 104.8040,
-16.1724, 7.1879

■ 104.8040,
-16.1724, 7.1879

■ 255.0000, 0.0000,
0.0000

■ 80.6190, -15.5882,
6.4731

■ 155.8750,
-17.1934, 8.0026

■ 57.5480, -14.5672,
5.6584

■ 183.0600,
-17.7776, 8.7174

■ 35.2060, -15.8776,
5.9583

■ 210.8320,
-18.6512, 8.9173

■ 15.6490, -7.7150,
1.1848

■ 239.1310,
-18.7986, 9.5321

■ 0.0000, 0.0000,
0.0000

■ 252.0360,
-11.3567, 2.5994

■ 104.8040,
-16.1724, 7.1879

■ 104.8040,
-16.1724, 7.1879

■ 102.3760,
-20.3984, 9.3172

■ 107.2320,
-11.9464, 5.0585

■ 100.4210,
-25.3506, 11.0318

■ 109.1870, -6.9942,
3.3440

■ 97.9930, -29.5765,
13.1611

■ 111.6150, -2.7682,
1.2146

■ 95.5650, -33.8025,
15.2905

■ 114.0430, 1.4578,
-0.9147

■ 93.7240, -38.3179,
16.9051

■ 115.9980, 6.4100,
-2.6292

■ 91.1820, -42.9807,
19.1344

■ 118.4260, 10.6360,
-4.7586

■ 90.1390, -44.4385,
20.0491

■ 120.8540, 14.8620,
-6.8880

■ 122.6950, 19.3774,

-8.5025

■ 125.2370, 24.0402,
-10.7318

Harmonies

Analogous

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



106.2940, -15.9209, 19.9132



104.8040, -16.1724, 7.1879



102.8560, -11.7610, -7.7667

Triad

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



104.8040, -16.1724, 7.1879



97.6450, 14.9650, -40.0307



109.0980, 4.8817, 20.9621

Complementary

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



104.8040, -16.1724, 7.1879



80.1960, 16.1724, -7.1879

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.



108.5460, 12.0558, 6.5372



104.8040, -16.1724, 7.1879



100.9220, 18.2795, -29.7496

Square

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



104.8040, -16.1724, 7.1879



97.7890, 6.5130, -35.7720



105.6900, 16.9148, -12.0061



108.2640, -3.5812, 28.7095

Rectangle

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



104.8040, -16.1724, 7.1879



100.8700, -6.3449, -18.3030



105.6900, 16.9148, -12.0061



108.7600, 7.5133, 16.8735

Sweetspot

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



104.8040, -16.1724, 7.1879



145.0020, -6.4100, 2.6292



84.9430, -3.4229, 24.6060



72.2730, -4.0786, 1.5146



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.



104.8040, -16.1724, 7.1879



134.7200, -25.4980, 11.6466



104.1400, -15.8450, -4.5078



54.7290, -2.3314, 1.1147



95.7540, -47.2067, 21.2637



197.7100, -97.4710, 43.2273

Inverse Universe

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



80.1960, 16.1724, -7.1879



95.6930, 25.7874, -11.1318



80.8600, 15.8450, 4.5078



51.2710, 2.3314, -1.1147



24.2460, 47.2067, -21.2637



49.2900, 97.4710, -43.2273

Previews

White Background



This preview shows how the YUV color 104.8040, -16.1724, 7.1879 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 104.8040, -16.1724, 7.1879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

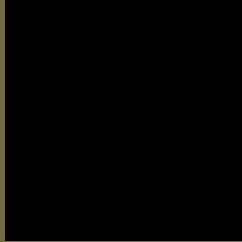
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.8040, -16.1724, 7.1879

Background



This preview shows how black text looks on a background with the YUV color 104.8040, -16.1724, 7.1879.



This preview shows how white text looks on a background with the YUV color 104.8040, -16.1724, 7.1879.

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

104.8040, -16.1724, 7.1879

Protanopia

104.8150, -16.1778, 8.9322

Deuteranopia

106.1690, -16.3523, 18.2688



Tritanopia

107.3970, 1.2833, 8.4218

Trichromacy



Original Color

104.8040, -16.1724, 7.1879

Protanomaly

104.5160, -16.0304, 8.3175

Deuteranomaly

105.8480, -16.1941, 14.1653

Tritanomaly

106.6760, -5.2633, 8.1771

Monochromacy



Original Color

104.8040, -16.1724, 7.1879

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.1160, -5.9732, 2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.8040, -16.1724, 7.1879 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(113, 107, 72)` looks like.

```
.text, #text, p{  
    color:rgb(113, 107, 72)  
}
```

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(113, 107, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 107, 72) }
```

Border

The CSS property to change the border of an element to YUV 104.8040, -16.1724, 7.1879 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(113, 107, 72) }
```


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

```
.border{ border-color:rgb(113, 107, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 107, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 107, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 107, 72);  
box-shadow:4px 4px 4px 4px rgb(113, 107,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 104.8040, -16.1724, 7.1879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 107, 72) }
```

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

```
.background{ background-color: rgb(113,  
107, 72) }
```

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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