

Converting Colors

YUV(105.0800, 48.7676,
-55.3212)

Have a look what the booklet for
YUV(105.0800, 48.7676, -55.3212)
contains.

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Color

**YUV(105.0800, 48.7676,
-55.3212)**

Conversions

Conversions Part 1

Format	Color
Hex	2A76CC
RGB	42, 118, 204
RGB Percent	16%, 46%, 80%
CMY	0.8353, 0.5373, 0.2000
CMYK	0.79, 0.42, 0.00, 0.20
HSL	212°, 66%, 48%
HSV	212°, 79%, 80%
XYZ	18.3324, 17.8087, 59.5980
YIQ	105.0800, -72.9020, 10.6340

Conversions

Conversions Part 2

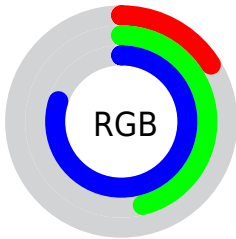
Format	Color
R_{YB}	42, 94, 204
Decimal	2782924
CIE _{Lab}	49.26, 7.58, -51.08
CIE _{LCh}	49, 51.638, 278.442
Yxy	17.8087, 0.1915, 0.1860
Android (android.graphics.Color)	4280973004 (0xFF2A76CC)
YUV	105.0800, 48.7676, -55.3212
Hunter-Lab	42.2004, 3.6918, -54.1926

Details

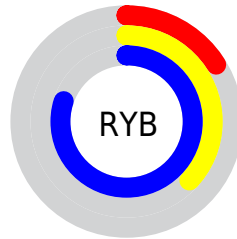
The YUV color **105.0800, 48.7676, -55.3212** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **140.9200, -48.7676, 55.3212**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3480, 45.6774, -44.1552**, and **58.6630, 44.5361, -51.4475** is the 20% darker color. If you saturate the color by 10%, you get **92.6430, 54.8990, -61.9539**, and if you desaturate by 10%, it is **117.5170, 42.6361, -48.6884**.

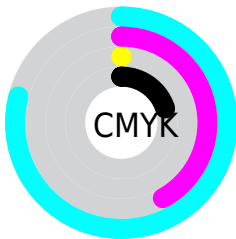
Distribution



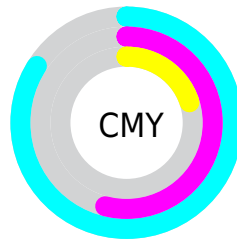
- Red (16%)
- Green (46%)
- Blue (80%)



- Red (16%)
- Yellow (37%)
- Blue (80%)



- Cyan (79%)
- Magenta (42%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (54%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.0800, 48.7676, -55.3212 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 105.0800, 48.7676, -55.3212 by changing the saturation by 10% instead.

■ 105.0800, 48.7676,
-55.3212

■ 105.0800, 48.7676,
-55.3212

255.0000, 0.0000,
0.0000

■ 75.2420, 49.6737,
-65.9872

■ 162.3480, 45.6774,
-44.1552

■ 58.6630, 44.5361,
-51.4475

■ 187.4660, 33.2943,
-38.9967

■ 42.7850, 39.5460,
-37.5224

■ 212.8720, 20.7691,
-34.9677

■ 28.0810, 33.9771,
-24.6270

■ 238.2780, 8.2439,
-30.9388

■ 11.2570, 30.4393,
-9.8724

■ 248.4220, 3.2430,
-13.5251

■ 8.0480, 20.6823,
-7.0581

■ 3.7790, 11.9410,

-3.3142

■ 0.0000, 0.0000,
0.0000

■ 105.0800, 48.7676,
-55.3212

■ 105.0800, 48.7676,
-55.3212

■ 92.6430, 54.8990,
-61.9539

■ 117.5170, 42.6361,
-48.6884

■ 79.9070, 61.1778,
-69.2014

■ 130.2530, 36.3573,
-41.4409

■ 79.6080, 61.3253,
-69.8162

■ 142.1030, 30.5152,
-34.2933

■ 154.8390, 24.2364,
-27.0458

■ 167.2760, 18.1049,
-20.4131

■ 179.7130, 11.9735,
-13.7803

■ 192.4490, 5.6946,
-6.5328

■ 204.8860, -0.4368,
0.1000

■ 217.0350, -6.4263,
7.8623

Harmonies

Analogous

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



98.8820, 48.8652, -86.7195



105.0800, 48.7676, -55.3212



120.2690, 32.4054, 12.9191

Triad

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



105.0800, 48.7676, -55.3212



113.8160, -24.0663, 65.9364



89.2940, -3.1029, -78.3108

Complementary

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



105.0800, 48.7676, -55.3212



140.9200, -48.7676, 55.3212

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.



105.4310, -30.7785, -21.4260



105.0800, 48.7676, -55.3212



113.3300, -40.5887, 45.3146

Square

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



105.0800, 48.7676, -55.3212



114.7130, -4.2955, 71.2887



110.0630, -45.8801, 15.7307



95.7120, 16.4110, -83.9394

Rectangle

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



105.0800, 48.7676, -55.3212



119.9970, 21.6935, 42.0986



110.0630, -45.8801, 15.7307



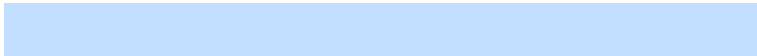
95.4940, -13.0615, -57.4382

Sweetspot

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



105.0800, 48.7676, -55.3212



217.9770, 18.2523, -21.0278



146.6700, -10.1903, -91.7956



105.1970, 11.2419, -12.4508



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



105.0800, 48.7676, -55.3212



106.9190, 73.0039, -82.3670



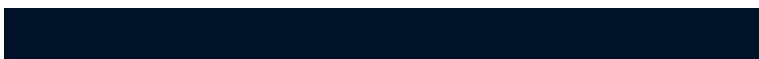
61.3650, 70.3191, -14.3521



96.0750, 2.9210, -3.5738



64.7100, 49.9360, -56.7507



14.8980, 11.3893, -13.0655

Inverse Universe

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



99.1020, 9.3167, 91.9955



98.2400, 13.6857, 137.4785



184.6350, -70.3191, 14.3521



95.5600, 0.7099, 5.6479



58.5260, 9.6007, 94.2547



13.4140, 2.2609, 21.5619

Previews

White Background



This preview shows how the YUV color 105.0800, 48.7676, -55.3212 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 105.0800, 48.7676, -55.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

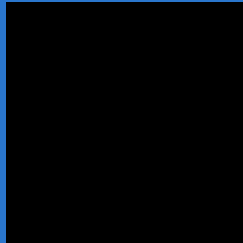
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 105.0800, 48.7676, -55.3212

Background



This preview shows how black text looks on a background with the YUV color 105.0800, 48.7676, -55.3212.



This preview shows how white text looks on a background with the YUV color 105.0800, 48.7676, -55.3212.

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

105.0800, 48.7676, -55.3212

Protanopia

113.3390, 42.7239, -30.1153

Deuteranopia

105.0800, 48.7676, -55.3212

Trichromacy



Original Color

105.0800, 48.7676, -55.3212

Protanomaly

110.1530, 44.7876, -38.7222

Deuteranomaly

105.0800, 48.7676, -55.3212

Monochromacy



Original Color

105.0800, 48.7676, -55.3212

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.1620, 17.6681, -20.3131

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.0800, 48.7676, -55.3212 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(42, 118, 204)` looks like.

```
.text, #text, p{  
    color:rgb(42, 118, 204)  
}
```

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(42, 118, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 118, 204) }
```

Border

The CSS property to change the border of an element to YUV 105.0800, 48.7676, -55.3212 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(42, 118, 204) }
```

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

```
.border{ border-color:rgb(42, 118, 204) }
```

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

Here you see how a box with a 4 pixel rgb(42, 118, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 118, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 118, 204);  
box-shadow:4px 4px 4px 4px rgb(42, 118,  
204) }
```


Background

The CSS property to change the background color of an element to YUV 105.0800, 48.7676, -55.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 118, 204) }
```

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

```
.background{ background-color: rgb(42, 118,  
204) }
```

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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