

Converting Colors

YUV(106.2760, 21.5559,
-7.2581)

Have a look what the booklet for
YUV(106.2760, 21.5559, -7.2581)
contains.

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Color

**YUV(106.2760, 21.5559,
-7.2581)**

Conversions

Conversions Part 1

Format	Color
Hex	626696
RGB	98, 102, 150
RGB Percent	38%, 40%, 59%
CMY	0.6157, 0.6000, 0.4118
CMYK	0.35, 0.32, 0.00, 0.41
HSL	235°, 21%, 49%
HSV	235°, 35%, 59%
XYZ	15.2934, 14.3014, 30.8086
YIQ	106.2760, -17.7920, 14.0800

Conversions

Conversions Part 2

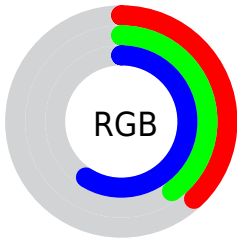
Format	Color
R_{YB}	98, 102, 150
Decimal	6448790
CIE _{Lab}	44.66, 10.48, -26.71
CIE _{LCh}	45, 28.692, 291.417
Yxy	14.3014, 0.2532, 0.2368
Android (android.graphics.Color)	4284638870 (0xFF626696)
YUV	106.2760, 21.5559, -7.2581
Hunter-Lab	37.8172, 6.0058, -21.8297

Details

The YUV color **106.2760, 21.5559, -7.2581** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **141.7240, -21.5559, 7.2581**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9170, 22.7189, -6.9432**, and **57.9230, 20.2510, -8.7025** is the 20% darker color. If you saturate the color by 10%, you get **93.5730, 27.8185, -9.2725**, and if you desaturate by 10%, it is **118.9790, 15.2934, -5.2436**.

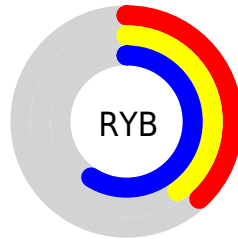
Distribution



Red (38%)

Green (40%)

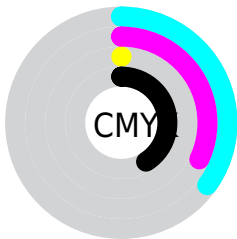
Blue (59%)



Red (38%)

Yellow (40%)

Blue (59%)

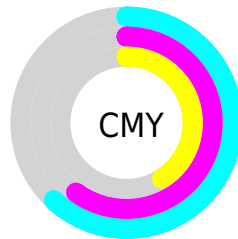


Cyan (35%)

Magenta (32%)

Yellow (0%)

Black (41%)



Cyan (62%)

Magenta (60%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.2760, 21.5559, -7.2581 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 106.2760, 21.5559, -7.2581 by changing the saturation by 10% instead.

■ 106.2760, 21.5559,
-7.2581

■ 106.2760, 21.5559,
-7.2581

■ 255.0000, 0.0000,
0.0000

■ 81.7490, 20.8297,
-7.6729

■ 157.9170, 22.7189,
-6.9432

■ 57.9230, 20.2510,
-8.7025

■ 185.1450, 23.5925,
-7.1432

■ 35.6840, 19.3828,
-10.2469

■ 211.8740, 21.2611,
-6.0285

■ 12.9720, 19.2408,
-11.3764

■ 236.9810, 8.8834,
-2.6143

■ 4.5940, 12.5252,
-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,

0.0000

■ 106.2760, 21.5559,
-7.2581

■ 106.2760, 21.5559,
-7.2581

■ 93.5730, 27.8185,
-9.2725

■ 118.9790, 15.2934,
-5.2436

■ 80.8700, 34.0811,
-11.2870

■ 131.6820, 9.0308,
-3.2291

■ 68.1670, 40.3437,
-13.3015

■ 144.3850, 2.7682,
-1.2146

■ 56.0510, 46.3169,
-15.8307

■ 156.5010, -3.2050,
1.3146

■ 43.3480, 52.5794,
-17.8452

■ 169.2040, -9.4676,
3.3291

■ 30.6450, 58.8420,
-19.8597

■ 181.9070,
-15.7302, 5.3436

■ 24.1440, 62.0470,
-21.1743

■ 194.6100,
-21.9927, 7.3580

■ 207.3130,
-28.2553, 9.3725

■ 220.0160,
-34.5179, 11.3870

Harmonies

Analogous

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



98.6420, 26.3055, -37.3970



106.2760, 21.5559, -7.2581



108.6660, 13.4757, 17.8329

Triad

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



106.2760, 21.5559, -7.2581



106.1000, -18.2903, 33.2383



93.2950, 2.3196, -44.1087

Complementary

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



106.2760, 21.5559, -7.2581



141.7240, -21.5559, 7.2581

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.



98.7790, -11.7230, -19.9772



106.2760, 21.5559, -7.2581



104.4590, -22.9043, 19.7685

Square

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



106.2760, 21.5559, -7.2581



107.2500, -8.9972, 39.2458



102.5060, -20.9555, 1.3102



83.1740, 19.1412, -72.9436

Rectangle

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



106.2760, 21.5559, -7.2581



108.7940, 6.0176, 29.9987



102.5060, -20.9555, 1.3102



95.3840, -2.6543, -35.4168

Sweetspot

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



106.2760, 21.5559, -7.2581



177.4540, 8.1572, -3.0292



133.9960, 5.9180, -31.5685



86.9550, 4.9522, -1.7145



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.



106.2760, 21.5559, -7.2581



125.4570, 33.7917, -11.8018



110.5060, 19.4705, 8.3262



67.7980, 3.0576, -0.6998



22.1890, 57.0948, -19.4598



1.7270, 4.0786, -1.5146

Inverse Universe

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



114.0040, -5.9180, 31.5685



137.3160, -9.0298, 49.7119



137.4940, -19.4705, -8.3262



69.0930, -1.0318, 4.3034



42.5160, -15.5374, 83.7395



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 106.2760, 21.5559, -7.2581 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 106.2760, 21.5559, -7.2581 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 106.2760, 21.5559, -7.2581 Background



This preview shows how black text looks on a background with the YUV color 106.2760, 21.5559, -7.2581.



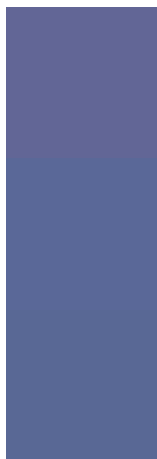
This preview shows how white text looks on a background with the YUV color 106.2760, 21.5559, -7.2581.

-7.2581.

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

106.2760, 21.5559, -7.2581

Protanopia

105.2860, 23.0300, -13.4058

Deuteranopia

104.6450, 21.8670, -13.7207



Tritanopia

103.9430, 6.4371, -11.3510

Trichromacy



Original Color

106.2760, 21.5559, -7.2581

Protanomaly

105.4820, 22.4404, -10.9467

Deuteranomaly

104.9550, 21.7142, -11.3615

Tritanomaly

105.0340, 11.8152, -9.6768

Monochromacy



Original Color

106.2760, 21.5559, -7.2581

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.3400, 7.7204, -2.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.2760, 21.5559, -7.2581 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(98, 102, 150)` looks like.

```
.text, #text, p{  
    color:rgb(98, 102, 150)  
}
```

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(98, 102, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 102, 150) }
```

Border

The CSS property to change the border of an element to YUV 106.2760, 21.5559, -7.2581 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(98, 102, 150) }
```


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

```
.border{ border-color:rgb(98, 102, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 102, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 102, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 102, 150);  
box-shadow:4px 4px 4px 4px rgb(98, 102,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 106.2760, 21.5559, -7.2581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 102, 150) }
```

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

```
.background{ background-color: rgb(98, 102,  
150) }
```

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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