

Converting Colors

YUV(107.0960, 21.1517,
-17.6242)

Have a look what the booklet for
YUV(107.0960, 21.1517, -17.6242)
contains.

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Color

**YUV(107.0960, 21.1517,
-17.6242)**

Conversions

Conversions Part 1

Format	Color
Hex	576D96
RGB	87, 109, 150
RGB Percent	34%, 43%, 59%
CMY	0.6588, 0.5725, 0.4118
CMYK	0.42, 0.27, 0.00, 0.41
HSL	219°, 27%, 46%
HSV	219°, 42%, 59%
XYZ	14.9041, 15.1655, 30.9959
YIQ	107.0960, -26.2730, 8.0870

Conversions

Conversions Part 2

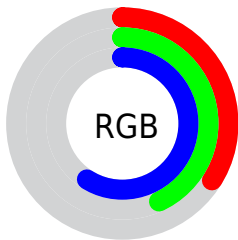
Format	Color
R _Y B	87, 103, 150
Decimal	5729686
CIE Lab	45.86, 2.99, -24.91
CIE LCh	46, 25.089, 276.836
Yxy	15.1655, 0.2441, 0.2483
Android (android.graphics.Color)	4283919766 (0xFF576D96)
YUV	107.0960, 21.1517, -17.6242
Hunter-Lab	38.9429, 0.1649, -19.9307

Details

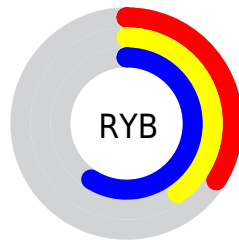
The YUV color **107.0960, 21.1517, -17.6242** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **129.9040, -21.1517, 17.6242**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.7370, 22.3147, -17.3093**, and **58.4440, 19.9941, -19.6834** is the 20% darker color. If you saturate the color by 10%, you get **96.7410, 26.2567, -21.6979**, and if you desaturate by 10%, it is **117.4510, 16.0467, -13.5505**.

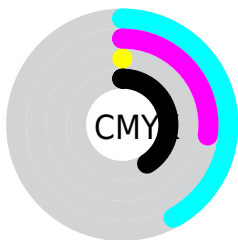
Distribution



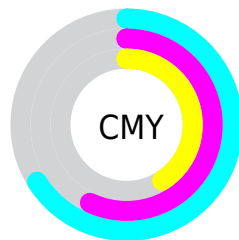
- Red (34%)
- Green (43%)
- Blue (59%)



- Red (34%)
- Yellow (40%)
- Blue (59%)



- Cyan (42%)
- Magenta (27%)
- Yellow (0%)
- Black (41%)



- Cyan (66%)
- Magenta (57%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.0960, 21.1517, -17.6242 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 107.0960, 21.1517, -17.6242 by changing the saturation by 10% instead.

■ 107.0960, 21.1517,
-17.6242

■ 107.0960, 21.1517,
-17.6242

■ 255.0000, 0.0000,
0.0000

■ 82.5690, 20.4255,
-18.0390

■ 158.7370, 22.3147,
-17.3093

■ 58.4440, 19.9941,
-19.6834

■ 185.9650, 23.1883,
-17.5093

■ 33.8240, 20.2998,
-24.4016

■ 213.2810, 20.5675,
-16.9094

■ 17.6680, 16.9257,
-15.4948

■ 238.3880, 8.1897,
-13.4953

■ 4.7080, 12.9620,
-4.1289

■ 254.1030, 0.4422,
-1.8443

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,

0.0000

■ 107.0960, 21.1517,
-17.6242

■ 107.0960, 21.1517,
-17.6242

■ 96.7410, 26.2567,
-21.6979

■ 117.4510, 16.0467,
-13.5505

■ 86.3860, 31.3617,
-25.7715

■ 127.8060, 10.9416,
-9.4769

■ 76.6180, 36.1773,
-30.3600

■ 137.5740, 6.1260,
-4.8884

■ 66.2630, 41.2823,
-34.4337

■ 147.9290, 1.0210,
-0.8147

■ 55.9080, 46.3874,
-38.5073

■ 158.2840, -4.0840,
3.2589

■ 47.6240, 50.4714,
-41.7662

■ 168.6390, -9.1890,
7.3326

■ 178.4070,
-14.0047, 11.9211

■ 188.7620,
-19.1097, 15.9947

■ 199.1170,
-24.2147, 20.0684

Harmonies

Analogous

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



100.1100, 23.1168, -41.3155



107.0960, 21.1517, -17.6242



110.4580, 15.5502, 5.7373

Triad

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



107.0960, 21.1517, -17.6242



109.5930, -12.6173, 33.6829



101.1570, -5.0074, -27.3247

Complementary

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



107.0960, 21.1517, -17.6242



129.9040, -21.1517, 17.6242

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.



104.3460, -14.9606, -8.1964



107.0960, 21.1517, -17.6242



108.5180, -18.9894, 24.1017

Square

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



107.0960, 21.1517, -17.6242



110.4110, -3.1606, 33.8426



106.9030, -19.6722, 9.7321



96.4780, 8.1453, -46.0232

Rectangle

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



107.0960, 21.1517, -17.6242



111.7540, 9.9813, 18.6327



106.9030, -19.6722, 9.7321



102.5770, -8.6655, -20.6770

Sweetspot

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



107.0960, 21.1517, -17.6242



176.5460, 8.6048, -6.6178



128.6550, -0.3229, -36.5314



86.3460, 5.2524, -4.6884



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.



107.0960, 21.1517, -17.6242



128.0160, 32.5301, -27.2010



96.8730, 26.1916, -0.7656



68.9720, 2.4788, -1.7294



43.9080, 46.3874, -38.5073



3.4880, 3.2104, -3.0590

Inverse Universe

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



108.3450, 0.3229, 36.5314



129.8790, 0.5527, 56.2341



140.1270, -26.1916, 0.7656



69.3210, -0.1583, 4.1035



46.7340, 0.6241, 80.0403



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 107.0960, 21.1517, -17.6242 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 107.0960, 21.1517, -17.6242 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

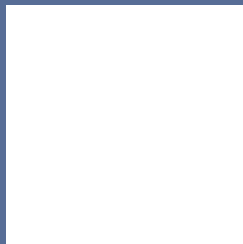
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 107.0960, 21.1517, -17.6242

Background



This preview shows how black text looks on a background with the YUV color 107.0960, 21.1517, -17.6242.



This preview shows how white text looks on a background with the YUV color 107.0960, 21.1517, -17.6242.

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

107.0960, 21.1517, -17.6242

Protanopia

108.3850, 19.5302, -10.8616

Deuteranopia

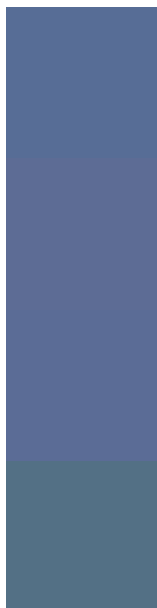
108.0150, 20.6986, -12.2912



Tritanopia

104.8600, 8.9430, -21.8022

Trichromacy



Original Color

107.0960, 21.1517, -17.6242

Protanomaly

108.1890, 20.1198, -13.3208

Deuteranomaly

107.7050, 20.8514, -14.6503

Tritanomaly

105.7230, 13.4476, -19.9281

Monochromacy



Original Color

107.0960, 21.1517, -17.6242

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.3180, 7.7312, -6.4179

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.0960, 21.1517, -17.6242 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(87, 109, 150)` looks like.

```
.text, #text, p{  
    color:rgb(87, 109, 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(87, 109, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 109, 150) }
```

Border

The CSS property to change the border of an element to YUV 107.0960, 21.1517, -17.6242 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(87, 109, 150) }
```


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

```
.border{ border-color:rgb(87, 109, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 109, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 109, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 109, 150);  
box-shadow:4px 4px 4px 4px rgb(87, 109,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 107.0960, 21.1517, -17.6242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 109, 150) }
```

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

```
.background{ background-color: rgb(87, 109,  
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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