

Converting Colors

YUV(105.6360, 18.9135, 0.3192)

Have a look what the booklet for
YUV(105.6360, 18.9135, 0.3192)
contains.

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Color

**YUV(105.6360, 18.9135,
0.3192)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6290
RGB	106, 98, 144
RGB Percent	42%, 38%, 56%
CMY	0.5843, 0.6157, 0.4353
CMYK	0.26, 0.32, 0.00, 0.44
HSL	250°, 19%, 47%
HSV	250°, 32%, 56%
XYZ	15.3456, 13.8132, 28.2430
YIQ	105.6360, -9.9980, 16.0020

Conversions

Conversions Part 2

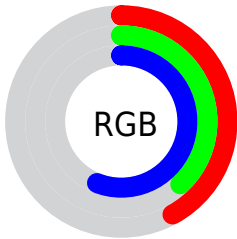
Format	Color
RYB	106, 98, 144
Decimal	6972048
CIELab	43.96, 13.80, -24.16
CIELCh	44, 27.825, 299.724
Yxy	13.8132, 0.2673, 0.2406
Android (android.graphics.Color)	4285162128 (0xFF6A6290)
YUV	105.6360, 18.9135, 0.3192
Hunter-Lab	37.1661, 8.6607, -19.0390

Details

The YUV color **105.6360, 18.9135, 0.3192** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **136.3640, -18.9135, -0.3192**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.2770, 20.0764, 0.6341**, and **58.1690, 17.1717, -1.0252** is the 20% darker color. If you saturate the color by 10%, you get **93.8300, 24.7338, 0.1491**, and if you desaturate by 10%, it is **117.4420, 13.0931, 0.4894**.

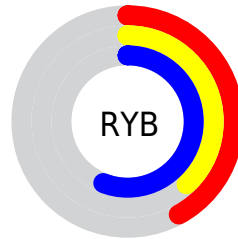
Distribution



Red (42%)

Green (38%)

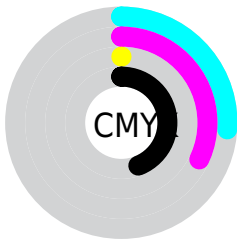
Blue (56%)



Red (42%)

Yellow (38%)

Blue (56%)

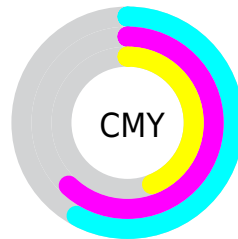


Cyan (26%)

Magenta (32%)

Yellow (0%)

Black (44%)



Cyan (58%)

Magenta (62%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.6360, 18.9135, 0.3192 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 105.6360, 18.9135, 0.3192 by changing the saturation by 10% instead.

■ 105.6360, 18.9135,
0.3192

■ 105.6360, 18.9135,
0.3192

■ 255.0000, 0.0000,
0.0000

■ 81.1090, 18.1873,
-0.0956

■ 157.2770, 20.0764,
0.6341

■ 58.1690, 17.1717,
-1.0252

■ 183.8040, 20.8026,
1.0489

■ 35.7560, 16.8823,
-1.5400

■ 211.9180, 21.2394,
0.9489

■ 13.3540, 16.5875,
-0.3105

■ 237.0250, 8.8617,
4.3631

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 105.6360, 18.9135,
0.3192

■ 105.6360, 18.9135,
0.3192

■ 93.8300, 24.7338,
0.1491

■ 117.4420, 13.0931,
0.4894

■ 81.4370, 30.8436,
0.4938

■ 129.8350, 6.9833,
0.1447

■ 69.6310, 36.6639,
0.3236

■ 141.6410, 1.1630,
0.3148

■ 57.2380, 42.7737,
0.6683

■ 154.0340, -4.9468,
-0.0298

■ 45.7310, 48.4466,
1.1129

■ 165.5410,
-10.6197, -0.4745

■ 33.9250, 54.2670,
0.9428


■ 177.3470,
-16.4401, -0.3043

■ 23.8910, 59.2137,
0.9726

■ 189.7400,
-22.5498, -0.6490

■ 201.5460,

-28.3702, -0.4788

 213.9390,
-34.4799, -0.8235

Harmonies

Analogous

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



99.9530, 24.6732, -27.1458



105.6360, 18.9135, 0.3192



107.1890, 10.2598, 22.6362

Triad

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



105.6360, 18.9135, 0.3192



103.8500, -19.1530, 29.9496



89.7010, 6.5564, -49.7268

Complementary

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



105.6360, 18.9135, 0.3192



136.3640, -18.9135, -0.3192

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.



96.0710, -7.9230, -25.4953



105.6360, 18.9135, 0.3192



101.9530, -22.1618, 14.9502

Square

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



105.6360, 18.9135, 0.3192



105.2560, -11.4652, 37.4865



99.5700, -18.0290, -4.0079



82.4560, 21.4672, -72.3139

Rectangle

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



105.6360, 18.9135, 0.3192



107.0070, 2.9545, 32.4429



99.5700, -18.0290, -4.0079



92.6760, 1.1457, -40.9349

Sweetspot

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



105.6360, 18.9135, 0.3192



170.9490, 7.4201, 0.0447



125.5500, 9.0959, -24.1613



84.8520, 4.5100, 0.1298



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



105.6360, 18.9135, 0.3192



126.9810, 29.0964, 0.8937



112.5130, 15.5231, 14.4591



65.3960, 2.7628, 0.5297



22.5660, 55.4300, 1.2576



1.2110, 3.3470, -0.1850

Inverse Universe

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



116.0860, 9.8176, 24.4806



142.9550, 15.3052, 37.7505



129.4870, -15.5231, -14.4591



66.7770, 1.5889, 3.7036



53.1330, 29.0214, 71.7974



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 105.6360, 18.9135, 0.3192 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 105.6360, 18.9135, 0.3192 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 105.6360, 18.9135, 0.3192

Background



This preview shows how black text looks on a background with the YUV color 105.6360, 18.9135, 0.3192.



This preview shows how white text looks on a background with the YUV color 105.6360, 18.9135,

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

105.6360, 18.9135, 0.3192

Protanopia

103.5420, 21.4248, -11.8763

Deuteranopia

104.2710, 19.0934, -10.7617



Tritanopia

103.7160, 4.0840, -3.2589

Trichromacy



Original Color

105.6360, 18.9135, 0.3192

Protanomaly

104.6350, 20.3929, -7.5729

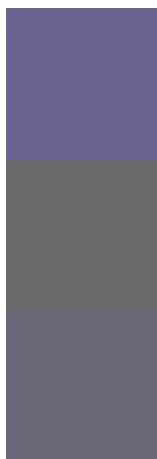
Deuteranomaly

104.5920, 18.9351, -6.6582

Tritanomaly

104.5080, 9.6096, -2.1995

Monochromacy



Original Color

105.6360, 18.9135, 0.3192

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.8350, 6.9833, 0.1447

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.6360, 18.9135, 0.3192 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(106, 98, 144)` looks like.

```
.text, #text, p{  
    color:rgb(106, 98, 144)  
}
```

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(106, 98, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 98, 144) }
```

Border

The CSS property to change the border of an element to YUV 105.6360, 18.9135, 0.3192 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(106, 98, 144) }
```


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

```
.border{ border-color:rgb(106, 98, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 98, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 98, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 98, 144);  
box-shadow:4px 4px 4px 4px rgb(106, 98,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 105.6360, 18.9135, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 98, 144) }
```

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

```
.background{ background-color: rgb(106, 98,  
144) }
```

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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