

Converting Colors

YUV(105.2240, 13.6936,
-5.4584)

Have a look what the booklet for
YUV(105.2240, 13.6936, -5.4584)
contains.

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Color

**YUV(105.2240, 13.6936,
-5.4584)**

Conversions

Conversions Part 1

Format	Color
Hex	636785
RGB	99, 103, 133
RGB Percent	39%, 40%, 52%
CMY	0.6118, 0.5961, 0.4784
CMYK	0.26, 0.23, 0.00, 0.48
HSL	233°, 15%, 45%
HSV	233°, 26%, 52%
XYZ	14.2295, 14.0466, 24.1516
YIQ	105.2240, -12.0140, 8.4820

Conversions

Conversions Part 2

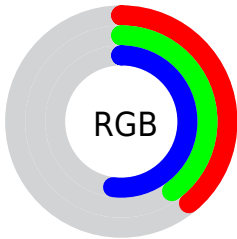
Format	Color
R_{YB}	99, 103, 133
Decimal	6514565
CIE Lab	44.30, 5.58, -17.10
CIE LCh	44, 17.989, 288.073
Yxy	14.0466, 0.2714, 0.2679
Android (android.graphics.Color)	4284704645 (0xFF636785)
YUV	105.2240, 13.6936, -5.4584
Hunter-Lab	37.4788, 2.1827, -11.9717

Details

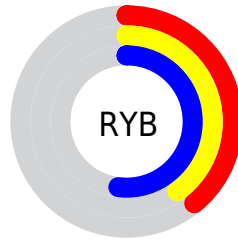
The YUV color **105.2240, 13.6936, -5.4584** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **126.7760, -13.6936, 5.4584**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.4520, 14.5672, -5.6584**, and **57.5830, 12.5306, -5.7733** is the 20% darker color. If you saturate the color by 10%, you get **94.2930, 19.0826, -7.2730**, and if you desaturate by 10%, it is **116.1550, 8.3046, -3.6439**.

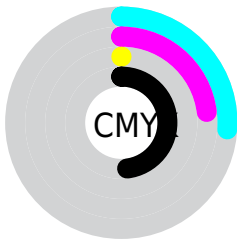
Distribution



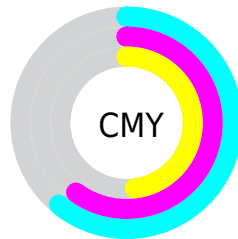
- Red (39%)
- Green (40%)
- Blue (52%)



- Red (39%)
- Yellow (40%)
- Blue (52%)



- Cyan (26%)
- Magenta (23%)
- Yellow (0%)
- Black (48%)



- Cyan (61%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.2240, 13.6936, -5.4584 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 105.2240, 13.6936, -5.4584 by changing the saturation by 10% instead.

■ 105.2240, 13.6936,
-5.4584

■ 105.2240, 13.6936,
-5.4584

■ 255.0000, 0.0000,
0.0000

■ 81.1100, 13.2568,
-5.3585

■ 156.4520, 14.5672,
-5.6584

■ 57.5830, 12.5306,
-5.7733

■ 183.5660, 15.0040,
-5.7584

■ 36.0560, 11.8044,
-6.1881

■ 210.9790, 15.2934,
-5.2436

■ 14.0560, 11.8044,
-6.1881

■ 237.8560, 8.4520,
-4.2587

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 105.2240, 13.6936,
-5.4584

■ 105.2240, 13.6936,
-5.4584

■ 94.2930, 19.0826,
-7.2730

■ 116.1550, 8.3046,
-3.6439

■ 83.6500, 24.3295,
-10.2171

■ 126.7980, 3.0576,
-0.6998

■ 72.7190, 29.7185,
-12.0316

■ 137.7290, -2.3314,
1.1147

■ 61.7880, 35.1075,
-13.8461

■ 148.6600, -7.7204,
2.9292

■ 50.5580, 40.6439,
-16.2754

■ 159.8900,
-13.2568, 5.3585

■ 40.2140, 45.7435,
-18.6047

■ 170.2340,
-18.3564, 7.6878

■ 29.2830, 51.1325,
-20.4192


■ 181.1650,
-23.7453, 9.5023

■ 24.5540, 53.4639,

■ 192.0960,

-21.5339

-29.1343, 11.3168

 203.3260,
-34.6707, 13.7461

Harmonies

Analogous

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



101.9940, 15.7790, -21.0427



105.2240, 13.6936, -5.4584



107.0580, 8.8454, 9.5961

Triad

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



105.2240, 13.6936, -5.4584



105.8690, -11.2744, 22.9169



99.3300, -0.6557, -23.0914

Complementary

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



105.2240, 13.6936, -5.4584



126.7760, -13.6936, 5.4584

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.



101.3440, -8.5506, -10.8257



105.2240, 13.6936, -5.4584



104.7170, -14.1575, 14.2802

Square

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



105.2240, 13.6936, -5.4584



106.4870, -5.1701, 25.0059



103.1670, -13.3933, 2.4845



97.7510, 7.5178, -31.3536

Rectangle

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



105.2240, 13.6936, -5.4584



106.9620, 4.4557, 17.5733



103.1670, -13.3933, 2.4845



99.6680, -3.2873, -19.0028

Sweetspot

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



105.2240, 13.6936, -5.4584



162.0690, 5.3890, -1.8145



122.2640, 2.8278, -20.4025



79.6130, 3.6418, -1.4146



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



105.2240, 13.6936, -5.4584



129.5640, 21.4139, -8.3876



106.4640, 13.0822, 3.9781



60.6840, 2.6208, -0.5999



23.6250, 52.4429, -20.7191



0.3420, 1.3104, -0.2999

Inverse Universe

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



109.6220, -3.2646, 20.5025



136.5310, -5.1918, 31.9833



125.5360, -13.0822, -3.9781



61.7940, -0.8844, 3.6887



40.5800, -12.6109, 78.4213



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 105.2240, 13.6936, -5.4584 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 105.2240, 13.6936, -5.4584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

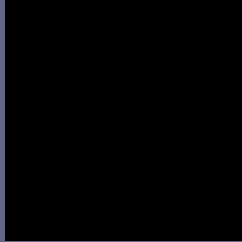
Any Text WCAG AA × Fail

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 105.2240, 13.6936, -5.4584 Background



This preview shows how black text looks on a background with the YUV color 105.2240, 13.6936, -5.4584.



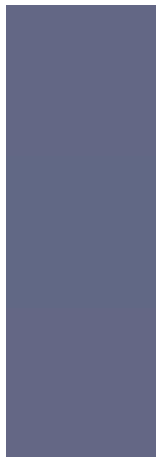
This preview shows how white text looks on a background with the YUV color 105.2240, 13.6936, -5.4584.

-5.4584.

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

105.2240, 13.6936, -5.4584

Protanopia

105.2130, 13.6990, -7.2028

Deuteranopia

105.5230, 13.5462, -4.8437



Tritanopia

103.7370, 5.5527, -7.6623

Trichromacy



Original Color

105.2240, 13.6936, -5.4584

Protanomaly

105.5120, 13.5516, -6.5880

Deuteranomaly

105.5230, 13.5462, -4.8437

Tritanomaly

104.2470, 8.7522, -7.2326

Monochromacy



Original Color

105.2240, 13.6936, -5.4584

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9550, 4.9522, -1.7145

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.2240, 13.6936, -5.4584 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(99, 103, 133)` looks like.

```
.text, #text, p{  
    color:rgb(99, 103, 133)  
}
```

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(99, 103, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 103, 133) }
```

Border

The CSS property to change the border of an element to YUV 105.2240, 13.6936, -5.4584 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(99, 103, 133) }
```


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

```
.border{ border-color:rgb(99, 103, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 103, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 103, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 103, 133);  
box-shadow:4px 4px 4px 4px rgb(99, 103,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 105.2240, 13.6936, -5.4584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 103, 133) }
```

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

```
.background{ background-color: rgb(99, 103,  
133) }
```

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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