

Converting Colors

YUV(105.6670, 21.8562,
-10.2320)

Have a look what the booklet for
YUV(105.6670, 21.8562, -10.2320)
contains.

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Color

**YUV(105.6670, 21.8562,
-10.2320)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6796
RGB	94, 103, 150
RGB Percent	37%, 40%, 59%
CMY	0.6314, 0.5961, 0.4118
CMYK	0.37, 0.31, 0.00, 0.41
HSL	230°, 23%, 48%
HSV	230°, 37%, 59%
XYZ	14.9714, 14.2822, 30.8218
YIQ	105.6670, -20.4510, 12.7090

Conversions

Conversions Part 2

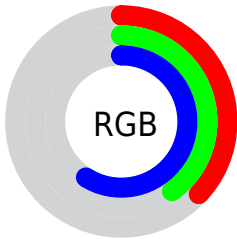
Format	Color
R_{YB}	94, 102, 150
Decimal	6186902
CIE _{Lab}	44.63, 8.67, -26.78
CIE _{LCh}	45, 28.146, 287.945
Yxy	14.2822, 0.2492, 0.2377
Android (android.graphics.Color)	4284376982 (0xFF5E6796)
YUV	105.6670, 21.8562, -10.2320
Hunter-Lab	37.7918, 4.5779, -21.9009

Details

The YUV color **105.6670, 21.8562, -10.2320** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **138.3330, -21.8562, 10.2320**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.3080, 23.0192, -9.9171**, and **57.3140, 20.5512, -11.6764** is the 20% darker color. If you saturate the color by 10%, you get **93.5510, 27.8294, -12.7612**, and if you desaturate by 10%, it is **117.7830, 15.8830, -7.7027**.

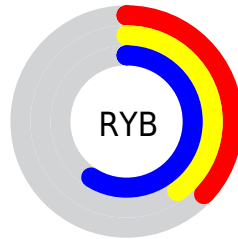
Distribution



Red (37%)

Green (40%)

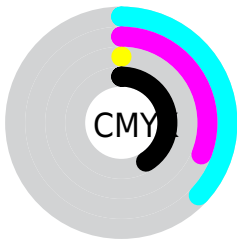
Blue (59%)



Red (37%)

Yellow (40%)

Blue (59%)

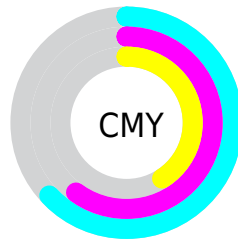


Cyan (37%)

Magenta (31%)

Yellow (0%)

Black (41%)



Cyan (63%)

Magenta (60%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.6670, 21.8562, -10.2320 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 105.6670, 21.8562, -10.2320 by changing the saturation by 10% instead.

■ 105.6670, 21.8562,
-10.2320

■ 105.6670, 21.8562,
-10.2320

■ 255.0000, 0.0000,
0.0000

■ 81.1400, 21.1300,
-10.6468

■ 157.3080, 23.0192,
-9.9171

■ 57.3140, 20.5512,
-11.6764

■ 184.5360, 23.8928,
-10.1171

■ 34.4770, 19.9778,
-14.4503

■ 211.2650, 21.5614,
-9.0024

■ 14.1460, 18.6620,
-12.4060

■ 236.3720, 9.1836,
-5.5882

■ 4.5940, 12.5252,
-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,

0.0000

■ 105.6670, 21.8562,
-10.2320

■ 105.6670, 21.8562,
-10.2320

■ 93.5510, 27.8294,
-12.7612

■ 117.7830, 15.8830,
-7.7027

■ 82.0220, 33.5132,
-15.8053

■ 129.3120, 10.1992,
-4.6586

■ 69.9060, 39.4863,
-18.3346

■ 141.4280, 4.2260,
-2.1294

■ 58.3770, 45.1701,
-21.3786

■ 152.9570, -1.4578,
0.9147

■ 46.2610, 51.1433,
-23.9079

■ 165.0730, -7.4310,
3.4440

■ 34.1450, 57.1165,
-26.4372

■ 177.1890,
-13.4042, 5.9732

■ 31.1880, 58.5743,
-27.3519

■ 188.7180,
-19.0880, 9.0173

■ 200.8340,
-25.0612, 11.5466

■ 212.3630,
-30.7450, 14.5906

Harmonies

Analogous

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



98.2180, 26.0215, -39.6562



105.6670, 21.8562, -10.2320



108.4700, 14.0653, 15.3738

Triad

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



105.6670, 21.8562, -10.2320



106.1540, -16.8379, 34.0679



94.1600, 0.4141, -39.6053

Complementary

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



105.6670, 21.8562, -10.2320



138.3330, -21.8562, 10.2320

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.



99.1600, -12.8969, -16.8033



105.6670, 21.8562, -10.2320



104.6980, -22.0361, 21.3129

Square

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



105.6670, 21.8562, -10.2320



107.2930, -7.5394, 38.3310



102.8160, -21.1083, 3.6694



82.8320, 17.8308, -72.6437

Rectangle

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



105.6670, 21.8562, -10.2320



108.8260, 7.4808, 27.3396



102.8160, -21.1083, 3.6694



96.5370, -4.7017, -32.0429

Sweetspot

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



105.6670, 21.8562, -10.2320



176.8560, 8.4520, -4.2587



132.2300, 4.3236, -33.5277



86.6560, 5.0996, -2.3293



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.



105.6670, 21.8562, -10.2320



125.1360, 33.9500, -15.9053



106.0650, 21.6600, 6.0820



68.3850, 2.7682, -1.2146



28.6460, 53.9115, -25.1225



2.3140, 3.7892, -2.0294

Inverse Universe

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



111.7700, -4.3236, 33.5277



134.6090, -6.7092, 52.0859



137.9350, -21.6600, -6.0820



69.2070, -0.5951, 4.2035



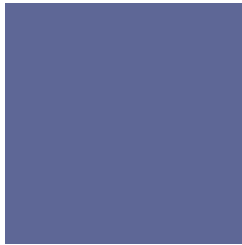
43.7700, -10.7326, 82.6397



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 105.6670, 21.8562, -10.2320 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 105.6670, 21.8562, -10.2320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

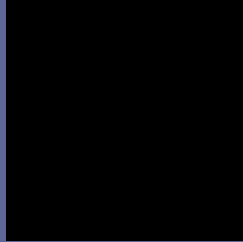
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.6670, 21.8562, -10.2320

Background



This preview shows how black text looks on a background with the YUV color 105.6670, 21.8562, -10.2320.



This preview shows how white text looks on a background with the YUV color 105.6670, 21.8562, -10.2320.

-10.2320.

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

105.6670, 21.8562, -10.2320

Protanopia

105.4710, 22.4458, -12.6911

Deuteranopia

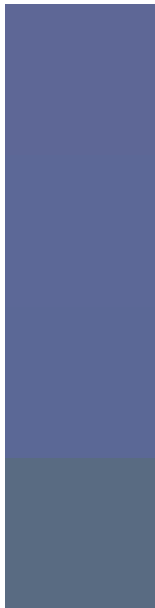
104.7590, 22.3038, -13.8206



Tritanopia

103.1490, 7.3215, -15.0397

Trichromacy



Original Color

105.6670, 21.8562, -10.2320

Protanomaly

105.7700, 22.2984, -12.0763

Deuteranomaly

105.3570, 22.0090, -12.5911

Tritanomaly

104.2400, 12.6997, -13.3655

Monochromacy



Original Color

105.6670, 21.8562, -10.2320

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.0410, 7.8678, -3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.6670, 21.8562, -10.2320 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(94, 103, 150)` looks like.

```
.text, #text, p{  
    color:rgb(94, 103, 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(94, 103, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 103, 150) }
```

Border

The CSS property to change the border of an element to YUV 105.6670, 21.8562, -10.2320 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(94, 103, 150) }
```


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

```
.border{ border-color:rgb(94, 103, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 103, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 103, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 103, 150);  
box-shadow:4px 4px 4px 4px rgb(94, 103,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 105.6670, 21.8562, -10.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 103, 150) }
```

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

```
.background{ background-color: rgb(94, 103,  
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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