

Converting Colors

YUV(109.5610, 32.7544,
-5.7540)

Have a look what the booklet for
YUV(109.5610, 32.7544, -5.7540)
contains.

YUV(109.5610, 32.7544, -5.7540)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(109.5610, 32.7544,
-5.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	6764B0
RGB	103, 100, 176
RGB Percent	40%, 39%, 69%
CMY	0.5961, 0.6078, 0.3098
CMYK	0.41, 0.43, 0.00, 0.31
HSL	242°, 32%, 54%
HSV	242°, 43%, 69%
XYZ	17.9872, 15.1325, 43.0471
YIQ	109.5610, -22.6080, 24.2720

Conversions

Conversions Part 2

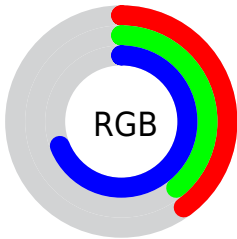
Format	Color
R_{YB}	103, 100, 176
Decimal	6775984
CIE _{Lab}	45.82, 20.62, -40.21
CIE _{LCh}	46, 45.189, 297.148
Yxy	15.1325, 0.2362, 0.1987
Android (android.graphics.Color)	4284966064 (0xFF6764B0)
YUV	109.5610, 32.7544, -5.7540
Hunter-Lab	38.9005, 14.4605, -38.3797

Details

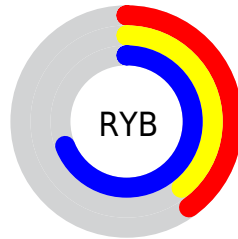
The YUV color **109.5610, 32.7544, -5.7540** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **166.4390, -32.7544, 5.7540**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.0280, 34.4962, -4.4096**, and **60.0830, 31.0181, -8.8428** is the 20% darker color. If you saturate the color by 10%, you get **93.9120, 40.4694, -6.9388**, and if you desaturate by 10%, it is **125.2100, 25.0395, -4.5692**.

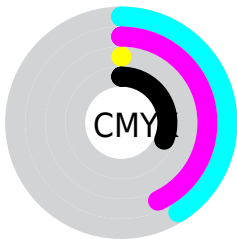
Distribution



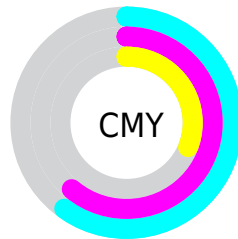
- Red (40%)
- Green (39%)
- Blue (69%)



- Red (40%)
- Yellow (39%)
- Blue (69%)



- Cyan (41%)
- Magenta (43%)
- Yellow (0%)
- Black (31%)



- Cyan (60%)
- Magenta (61%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.5610, 32.7544, -5.7540 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 109.5610, 32.7544, -5.7540 by changing the saturation by 10% instead.

■ 109.5610, 32.7544,
-5.7540

■ 109.5610, 32.7544,
-5.7540

■ 255.0000, 0.0000,
0.0000

■ 84.3220, 31.8863,
-7.2984

■ 162.0280, 34.4962,
-4.4096

■ 60.0830, 31.0181,
-8.8428

■ 188.8710, 32.6016,
-3.3949

■ 35.6370, 30.7450,
-14.5906

■ 213.3910, 20.5132,
0.5341

■ 15.3660, 28.4136,
-13.4760

■ 238.4980, 8.1355,
3.9483

■ 6.8740, 21.2611,
-6.0285

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,

0.0000

■ 109.5610, 32.7544,
-5.7540

■ 109.5610, 32.7544,
-5.7540

■ 93.9120, 40.4694,
-6.9388

■ 125.2100, 25.0395,
-4.5692

■ 78.8500, 47.8950,
-8.6384

■ 140.2720, 17.6139,
-2.8695

■ 63.2010, 55.6099,
-9.8233

■ 155.9210, 9.8989,
-1.6847

■ 48.1390, 63.0355,
-11.5229

■ 170.9830, 2.4734,
0.0149

■ 32.4900, 70.7504,
-12.7077

■ 186.6320, -5.2416,
1.1997

■ 22.1570, 75.8446,
-13.2927

■ 201.9820,
-12.8091, 1.7698

■ 217.0440,
-20.2347, 3.4694

■ 232.6930,
-27.9496, 4.6542

■ 245.9940,
-34.5070, 7.8983

Harmonies

Analogous

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



87.8940, 47.3803, -77.0830



109.5610, 32.7544, -5.7540



111.5570, 18.9524, 34.5915

Triad

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



109.5610, 32.7544, -5.7540



106.3870, -30.2638, 47.0186



85.8180, 8.9637, -75.2624

Complementary

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



109.5610, 32.7544, -5.7540



166.4390, -32.7544, 5.7540

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.



92.5820, -13.1049, -43.4834



109.5610, 32.7544, -5.7540



104.1810, -38.0502, 24.3973

Square

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



109.5610, 32.7544, -5.7540



106.4870, -15.0301, 60.9629



100.6010, -31.8483, -4.9121



90.1500, 25.5621, -79.0615

Rectangle

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



109.5610, 32.7544, -5.7540



109.5070, 8.1310, 52.1754



100.6010, -31.8483, -4.9121



84.2220, 2.8486, -73.8627

Sweetspot

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



109.5610, 32.7544, -5.7540



203.7190, 12.9565, -2.3846



151.5150, 12.0711, -45.1787



98.4650, 8.1518, -1.2848



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



109.5610, 32.7544, -5.7540



125.1750, 51.6787, -8.9235



120.9230, 27.1530, 17.6075



81.3250, 3.7838, -0.2850



19.2360, 65.9457, -11.6080



3.2630, 11.2093, -1.9847

Inverse Universe

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



131.0460, 20.6833, 39.4247



158.9900, 32.5429, 62.2758



155.0770, -27.1530, -17.6075



83.7170, 2.6045, 4.6332



62.5050, 41.6560, 79.3641



10.5100, 6.6506, 13.5847

Previews

White Background



This preview shows how the YUV color 109.5610, 32.7544, -5.7540 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 109.5610, 32.7544, -5.7540 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 109.5610, 32.7544, -5.7540

Background



This preview shows how black text looks on a background with the YUV color 109.5610, 32.7544, -5.7540.



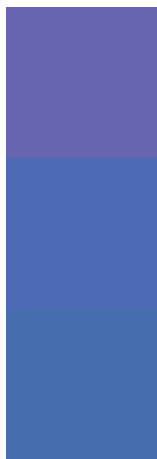
This preview shows how white text looks on a background with the YUV color 109.5610, 32.7544, -5.7540.

-5.7540.

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

109.5610, 32.7544, -5.7540

Protanopia

105.8790, 37.0347, -25.3269

Deuteranopia

104.7490, 34.1407, -30.4749



Tritanopia

106.1490, 7.3215, -15.0397

Trichromacy



Original Color

109.5610, 32.7544, -5.7540

Protanomaly

107.1680, 35.4132, -18.5643

Deuteranomaly

106.6900, 33.6768, -21.6531

Tritanomaly

107.5760, 16.4780, -11.9062

Monochromacy



Original Color

109.5610, 32.7544, -5.7540

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.4910, 12.0829, -2.1846

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.5610, 32.7544, -5.7540 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(103, 100, 176)` looks like.

```
.text, #text, p{  
    color:rgb(103, 100, 176)  
}
```

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(103, 100, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 100, 176) }
```

Border

The CSS property to change the border of an element to YUV 109.5610, 32.7544, -5.7540 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(103, 100, 176) }
```


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

```
.border{ border-color:rgb(103, 100, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 100, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 100, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 100, 176);  
box-shadow:4px 4px 4px 4px rgb(103, 100,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 109.5610, 32.7544, -5.7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 100, 176) }
```

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

```
.background{ background-color: rgb(103,  
100, 176) }
```

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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