

Converting Colors

YUV(27.5610, 32.7544, -5.7540)

Have a look what the booklet for
YUV(27.5610, 32.7544, -5.7540)
contains.

YUV(27.5610, 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(27.5610, 32.7544,
-5.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	15125E
RGB	21, 18, 94
RGB Percent	8%, 7%, 37%
CMY	0.9176, 0.9294, 0.6314
CMYK	0.78, 0.81, 0.00, 0.63
HSL	242°, 68%, 22%
HSV	242°, 81%, 37%
XYZ	2.5459, 1.4002, 10.7258
YIQ	27.5610, -22.6080, 24.2720

Conversions

Conversions Part 2

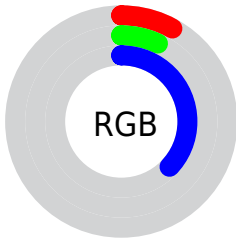
Format	Color
R_{YB}	21, 18, 94
Decimal	1380958
CIE _{Lab}	11.96, 29.09, -44.16
CIE _{LCh}	12, 52.883, 303.373
Yxy	1.4002, 0.1735, 0.0954
Android (android.graphics.Color)	4279571038 (0xFF15125E)
YUV	27.5610, 32.7544, -5.7540
Hunter-Lab	11.8330, 17.6978, -45.4591

Details

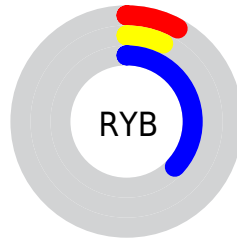
The YUV color **27.5610, 32.7544, -5.7540** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **84.4390, -32.7544, 5.7540**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.2460, 33.8957, 1.5383**, and **7.7060, 19.3719, -6.7582** is the 20% darker color. If you saturate the color by 10%, you get **19.5870, 36.6856, -6.6538**, and if you desaturate by 10%, it is **35.5350, 28.8232, -4.8542**.

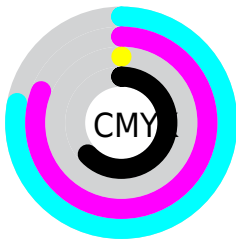
Distribution



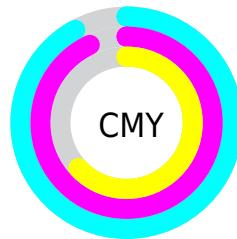
- Red (8%)
- Green (7%)
- Blue (37%)



- Red (8%)
- Yellow (7%)
- Blue (37%)



- Cyan (78%)
- Magenta (81%)
- Yellow (0%)
- Black (63%)



- Cyan (92%)
- Magenta (93%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.5610, 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 27.5610, 32.7544, -5.7540 by changing the saturation by 10% instead.

■ 27.5610, 32.7544,
-5.7540

■ 27.5610, 32.7544,
-5.7540

■ 249.1300, 2.8939,
5.1480

■ 7.9800, 30.5759,
-6.9985

■ 76.2460, 33.8957,
1.5383

■ 7.7060, 19.3719,
-6.7582

■ 100.8980, 35.0533,
3.5975

■ 3.4370, 10.6306,
-3.0142

■ 126.5390, 36.2163,
3.9123

■ 0.0000, 0.0000,
0.0000

■ 152.7780, 37.0844,
5.4567

■ 180.0770, 36.9370,
6.0715

■ 204.5970, 24.8487,

10.0004

■ 229.7040, 12.4709,
13.4146

■ 27.5610, 32.7544,
-5.7540

■ 27.5610, 32.7544,
-5.7540

■ 19.5870, 36.6856,
-6.6538

■ 35.5350, 28.8232,
-4.8542

■ 11.9120, 40.4694,
-6.9388

■ 44.0960, 24.6027,
-4.4692

■ 52.0700, 20.6715,
-3.5694

■ 60.6310, 16.4509,
-3.1844

■ 68.6050, 12.5197,
-2.2846

■ 76.5790, 8.5886,
-1.3848

■ 85.1400, 4.3680,
-0.9998

■ 93.1140, 0.4368,
-0.1000

■ 101.6750, -3.7838,
0.2850

Harmonies

Analogous

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



33.9170, 36.0299, -29.7452



27.5610, 32.7544, -5.7540



29.8350, 17.3363, 39.6097

Triad

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



27.5610, 32.7544, -5.7540



27.0660, -13.3435, 33.2681



30.9920, 1.9759, -27.1800

Complementary

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



27.5610, 32.7544, -5.7540



84.4390, -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.



25.8280, -12.7332, -22.6512



27.5610, 32.7544, -5.7540



29.8470, -14.7146, 6.2732

Square

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



27.5610, 32.7544, -5.7540



25.1160, -12.3822, 51.6413



23.4800, -11.5756, -20.5920



35.0960, 17.7007, -30.7792

Rectangle

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



27.5610, 32.7544, -5.7540



30.6870, 5.0843, 49.3865



23.4800, -11.5756, -20.5920



28.9230, -3.4130, -25.3655

Sweetspot

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



27.5610, 32.7544, -5.7540



96.6050, 12.5197, -2.2846



69.5150, 12.0711, -45.1787



45.3510, 7.7150, -1.1848



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



27.5610, 32.7544, -5.7540



18.6480, 50.9525, -9.3383



38.9230, 27.1530, 17.6075



41.5700, 2.1840, -0.4999



13.7360, 47.4582, -8.5385



29.7090, 102.1945, -18.1618

Inverse Universe

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



49.0460, 20.6833, 39.4247



52.2780, 32.4009, 61.1462



73.0770, -27.1530, -17.6075



43.0650, 1.4470, 2.5740



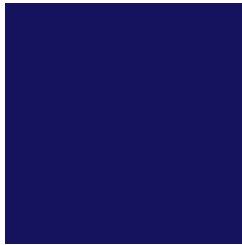
44.8600, 29.6490, 57.1278



96.8550, 64.6545, 122.9072

Previews

White Background



This preview shows how the YUV color 27.5610, 32.7544, -5.7540 looks on a white background.

Color Contrast Check

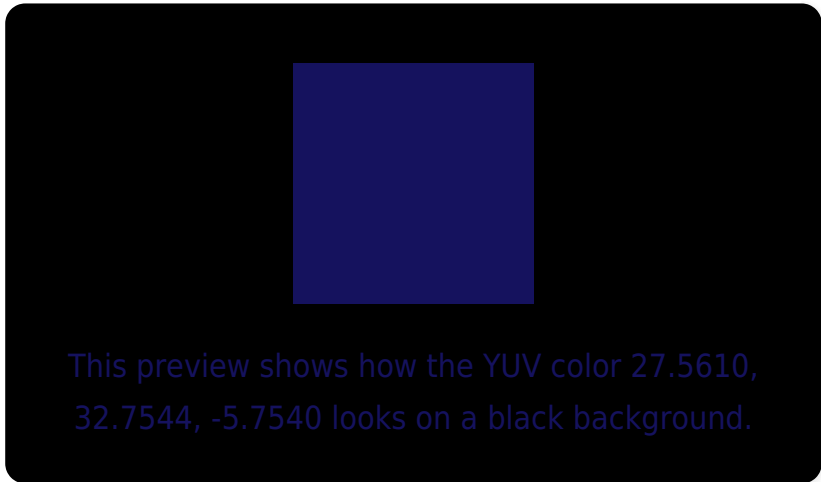
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

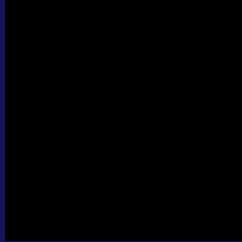
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.5610, 32.7544, -5.7540

Background



This preview shows how black text looks on a background with the YUV color 27.5610, 32.7544, -5.7540.



This preview shows how white text looks on a background with the YUV color 27.5610, 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

27.5610, 32.7544, -5.7540

Protanopia

26.4220, 20.0050, -23.1721

Deuteranopia

26.4560, 15.0582, -23.2019



Tritanopia

25.4640, 6.1802, -22.3319

Trichromacy



Original Color

27.5610, 32.7544, -5.7540

Protanomaly

27.0190, 24.6406, -16.6797

Deuteranomaly

26.8080, 21.2937, -16.4946

Tritanomaly

26.0270, 15.7627, -15.8097

Monochromacy



Original Color

27.5610, 32.7544, -5.7540

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.4910, 12.0829, -2.1846

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.5610, 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(21, 18, 94)` looks like.

```
.text, #text, p{  
    color:rgb(21, 18, 94)  
}
```

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(21, 18, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 18, 94) }
```

Border

The CSS property to change the border of an element to YUV 27.5610, 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(21, 18, 94) }
```


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

```
.border{ border-color:rgb(21, 18, 94) }
```

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

Here you see how a box with a 4 pixel rgb(21, 18, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 18, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 18, 94);  
box-shadow:4px 4px 4px 4px rgb(21, 18, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 27.5610, 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(21, 18, 94) }
```

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

```
.background{ background-color: rgb(21, 18,  
94) }
```

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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