

Converting Colors

YUV(35.5550, 15.0094, -7.5027)

Have a look what the booklet for
YUV(35.5550, 15.0094, -7.5027)
contains.

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Color

**YUV(35.5550, 15.0094,
-7.5027)**

Conversions

Conversions Part 1

Format	Color
Hex	1B2242
RGB	27, 34, 66
RGB Percent	11%, 13%, 26%
CMY	0.8941, 0.8667, 0.7412
CMYK	0.59, 0.48, 0.00, 0.74
HSL	229°, 42%, 18%
HSV	229°, 59%, 26%
XYZ	2.0074, 1.7704, 5.3902
YIQ	35.5550, -14.4440, 8.4680

Conversions

Conversions Part 2

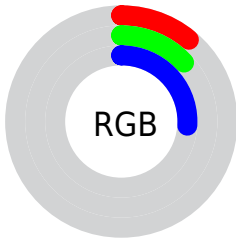
Format	Color
R_{YB}	27, 33, 66
Decimal	1778242
CIE _{Lab}	14.23, 7.89, -21.31
CIE _{LCh}	14, 22.725, 290.324
Yxy	1.7704, 0.2190, 0.1931
Android (android.graphics.Color)	4279968322 (0xFF1B2242)
YUV	35.5550, 15.0094, -7.5027
Hunter-Lab	13.3057, 3.6448, -14.7046




Details

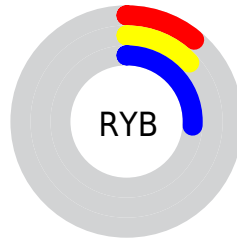
The YUV color **35.5550, 15.0094, -7.5027** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **57.4450, -15.0094, 7.5027**, and the grayscale version is **35.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **80.9080, 16.3144, -6.0583**, and **3.2090, 9.7570, -2.8143** is the 20% darker color. If you saturate the color by 10%, you get **30.5270, 17.4882, -9.2322**, and if you desaturate by 10%, it is **40.5830, 12.5306, -5.7733**.

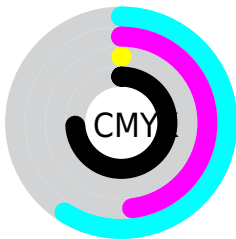
Distribution







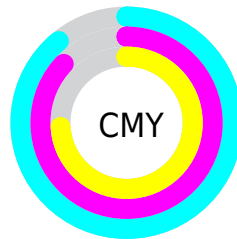
-  Red (11%)
-  Green (13%)
-  Blue (26%)






-  Red (11%)
-  Yellow (13%)
-  Blue (26%)



-  Cyan (59%)
-  Magenta (48%)
-  Yellow (0%)
-  Black (74%)



-  Cyan (89%)
-  Magenta (87%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.5550, 15.0094, -7.5027 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 35.5550, 15.0094, -7.5027 by changing the saturation by 10% instead.

■ 35.5550, 15.0094,
-7.5027

■ 35.5550, 15.0094,
-7.5027

■ 255.0000, 0.0000,
0.0000

■ 13.5550, 15.0094,
-7.5027

■ 80.9080, 16.3144,
-6.0583

■ 3.2090, 9.7570,
-2.8143

■ 105.4350, 17.0405,
-5.6435

■ 0.0000, 0.0000,
0.0000

■ 130.5490, 17.4773,
-5.7435

■ 156.7770, 18.3509,
-5.9434

■ 183.7770, 18.3509,
-5.9434

■ 211.3040, 19.0771,

-5.5286

■ 236.6820, 9.0308,
-3.2291

■ 35.5550, 15.0094,
-7.5027

■ 35.5550, 15.0094,
-7.5027

■ 30.5270, 17.4882,
-9.2322

■ 40.5830, 12.5306,
-5.7733

■ 25.2110, 20.1090,
-9.8320

■ 45.8990, 9.9098,
-5.1734

■ 20.1830, 22.5878,
-11.5615

■ 50.9270, 7.4310,
-3.4440

■ 14.8670, 25.2086,
-12.1614

■ 56.2430, 4.8102,
-2.8441

■ 14.5680, 25.3560,
-12.7761

■ 61.2710, 2.3314,
-1.1147

■ 66.2990, -0.1474,
0.6148

■ 71.6150, -2.7682,
1.2146

■ 76.6430, -5.2470,
2.9441

■ 81.9590, -7.8678,
3.5440

Harmonies

Analogous

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



30.5310, 17.9792, -26.7757



35.5550, 15.0094, -7.5027



37.2970, 9.7136, 11.1405

Triad

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



35.5550, 15.0094, -7.5027



34.9290, -12.2900, 21.9873



28.6610, 0.6601, -25.1357

Complementary

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



35.5550, 15.0094, -7.5027



57.4450, -15.0094, 7.5027

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.



30.7350, -8.2504, -13.7996



35.5550, 15.0094, -7.5027



34.3210, -16.9203, 13.7505

Square

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



35.5550, 15.0094, -7.5027



35.3130, -4.5913, 26.0355



32.7710, -16.1561, 1.9548



31.1860, 7.7963, -27.3501

Rectangle

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



35.5550, 15.0094, -7.5027



36.5000, 5.1765, 19.7325



32.7710, -16.1561, 1.9548



28.0910, -1.5239, -24.6358

Sweetspot

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



35.5550, 15.0094, -7.5027



74.5850, 6.1206, -3.1440



53.5410, 2.6913, -23.2765



36.2000, 3.3524, -1.9294



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



35.5550, 15.0094, -7.5027



38.5250, 23.8982, -11.8614



35.0340, 15.2662, 3.4782



30.3420, 1.3104, -0.2999



21.0370, 37.4498, -18.4494



49.0160, 86.2671, -42.9870

Inverse Universe

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



39.4590, -2.6913, 23.2765



44.7920, -4.3345, 37.0164



57.9660, -15.2662, -3.4782



30.8970, -0.4422, 1.8443



30.9410, -6.8729, 57.9337



71.5360, -15.5472, 133.7109

Previews

White Background



This preview shows how the YUV color 35.5550, 15.0094, -7.5027 looks on a white background.

Color Contrast Check

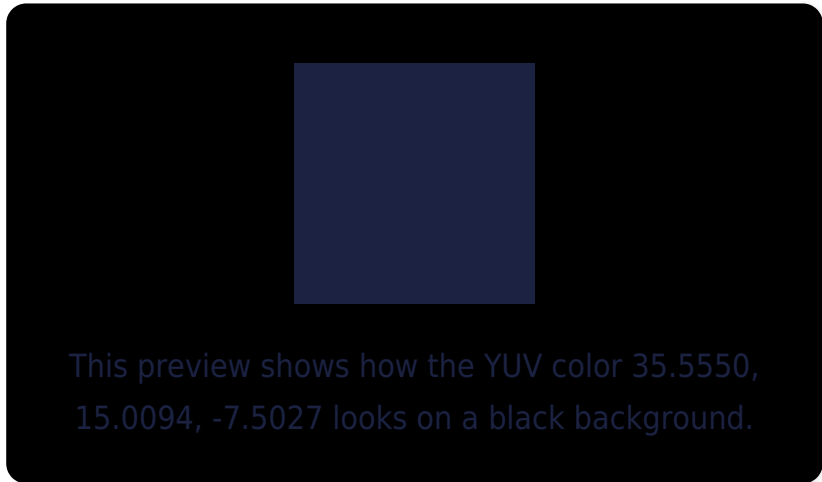
Large Text (above 18pt) WCAG AA ✓ Pass

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

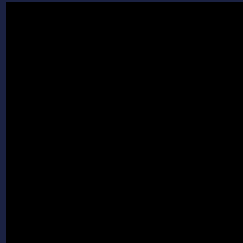
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.5550, 15.0094, -7.5027

Background



This preview shows how black text looks on a background with the YUV color 35.5550, 15.0094, -7.5027.



This preview shows how white text looks on a background with the YUV color 35.5550, 15.0094,

-7.5027.

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

35.5550, 15.0094, -7.5027

Protanopia

34.1630, 16.1886, -12.4210

Deuteranopia

30.3250, 17.0948, -23.0870



Tritanopia

32.8780, 4.9901, -13.9250

Trichromacy



Original Color

35.5550, 15.0094, -7.5027

Protanomaly

35.0600, 15.7464, -10.5766

Deuteranomaly

32.1300, 16.2049, -17.6540

Tritanomaly

33.8120, 8.4737, -11.2361

Monochromacy



Original Color

35.5550, 15.0094, -7.5027

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.7700, 5.5364, -2.4293

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.5550, 15.0094, -7.5027 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(27, 34, 66)` looks like.

```
.text, #text, p{  
    color:rgb(27, 34, 66)  
}
```

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(27, 34, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 34, 66) }
```

Border

The CSS property to change the border of an element to YUV 35.5550, 15.0094, -7.5027 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(27, 34, 66) }
```


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

```
.border{ border-color:rgb(27, 34, 66) }
```

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

Here you see how a box with a 4 pixel rgb(27, 34, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 34, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 34, 66);  
box-shadow:4px 4px 4px 4px rgb(27, 34, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.5550, 15.0094, -7.5027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 34, 66) }
```

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

```
.background{ background-color: rgb(27, 34,  
66) }
```

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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