

Converting Colors

YUV(95.9250, 27.1520,
-28.8752)

Have a look what the booklet for
YUV(95.9250, 27.1520, -28.8752)
contains.

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Color

**YUV(95.9250, 27.1520,
-28.8752)**

Conversions

Conversions Part 1

Format	Color
Hex	3F6697
RGB	63, 102, 151
RGB Percent	25%, 40%, 59%
CMY	0.7529, 0.6000, 0.4078
CMYK	0.58, 0.32, 0.00, 0.41
HSL	213°, 41%, 42%
HSV	213°, 58%, 59%
XYZ	12.3872, 12.7939, 31.0947
YIQ	95.9250, -38.9730, 6.9710

Conversions

Conversions Part 2

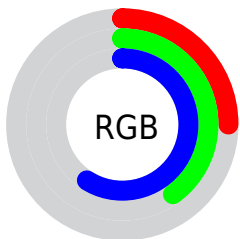
Format	Color
R_{YB}	63, 90, 151
Decimal	4155031
CIE _{Lab}	42.45, 1.56, -30.93
CIE _{LCh}	42, 30.968, 272.884
Yxy	12.7939, 0.2201, 0.2273
Android (android.graphics.Color)	4282345111 (0xFF3F6697)
YUV	95.9250, 27.1520, -28.8752
Hunter-Lab	35.7685, -0.7776, -26.5048

Details

The YUV color **95.9250, 27.1520, -28.8752** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **118.0750, -27.1520, 28.8752**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.1640, 28.0201, -27.3308**, and **44.2720, 27.4739, -38.8265** is the 20% darker color. If you saturate the color by 10%, you get **86.7440, 31.6782, -33.9785**, and if you desaturate by 10%, it is **105.1060, 22.6257, -23.7720**.

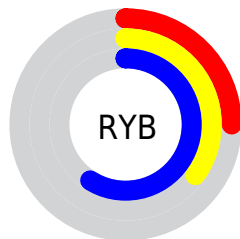
Distribution



Red (25%)

Green (40%)

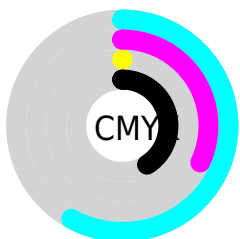
Blue (59%)



Red (25%)

Yellow (35%)

Blue (59%)

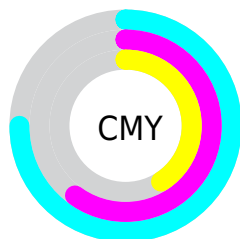


Cyan (58%)

Magenta (32%)

Yellow (0%)

Black (41%)



Cyan (75%)

Magenta (60%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.9250, 27.1520, -28.8752 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 95.9250, 27.1520, -28.8752 by changing the saturation by 10% instead.

■ 95.9250, 27.1520,
-28.8752

■ 95.9250, 27.1520,
-28.8752

■ 255.0000, 0.0000,
0.0000

■ 70.2020, 27.0154,
-31.7492

■ 148.1640, 28.0201,
-27.3308

■ 44.2720, 27.4739,
-38.8265

■ 175.1040, 29.0357,
-26.4012

■ 29.2090, 23.0680,
-25.6163

■ 202.3060, 25.9781,
-25.7014

■ 13.0860, 19.6776,
-11.4764

■ 227.1140, 13.7478,
-22.9020

■ 4.7080, 12.9620,
-4.1289

■ 247.5250, 3.6852,
-15.3694

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,

0.0000

■ 95.9250, 27.1520,
-28.8752

■ 95.9250, 27.1520,
-28.8752

■ 86.7440, 31.6782,
-33.9785

■ 105.1060, 22.6257,
-23.7720

■ 76.9760, 36.4938,
-38.5670

■ 114.8740, 17.8101,
-19.1835

■ 67.7950, 41.0201,
-43.6702

■ 124.0550, 13.2839,
-14.0802

■ 58.0270, 45.8357,
-48.2587

■ 133.8230, 8.4683,
-9.4918

■ 56.5430, 46.5673,
-49.5882

■ 143.3030, 3.7946,
-3.7737

■ 152.4840, -0.7316,
1.3295

■ 162.2520, -5.5472,
5.9180

■ 171.4330,
-10.0735, 11.0213

■ 181.2010,
-14.8891, 15.6097

Harmonies

Analogous

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



80.5130, 31.7921, -70.6099



95.9250, 27.1520, -28.8752



102.5870, 19.9236, 2.9932

Triad

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



95.9250, 27.1520, -28.8752



100.5230, -13.0758, 40.7603



89.9670, -6.8857, -31.5431

Complementary

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



95.9250, 27.1520, -28.8752



118.0750, -27.1520, 28.8752

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.



95.2060, -19.3286, -7.1967



95.9250, 27.1520, -28.8752



100.0520, -22.2106, 30.6494

Square

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



95.9250, 27.1520, -28.8752



101.9110, -1.4351, 40.4201



98.2580, -24.7772, 13.8057



77.9590, 11.8522, -68.3700

Rectangle

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



95.9250, 27.1520, -28.8752



103.0900, 13.7596, 20.0921



98.2580, -24.7772, 13.8057



92.0560, -11.8596, -22.8511

Sweetspot

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



95.9250, 27.1520, -28.8752



175.5670, 10.0735, -11.0213



120.1280, -4.5001, -50.1013



86.8620, 5.9840, -6.0180



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



95.9250, 27.1520, -28.8752



110.4250, 42.1885, -45.0997



74.2280, 37.8486, -6.3390



71.6730, 2.6262, -2.3442



52.3540, 43.2095, -45.9145



5.0040, 3.9420, -4.3885

Inverse Universe

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



93.7580, 4.0633, 50.2012



106.9170, 6.4499, 78.1258



139.7720, -37.8486, 6.3390



71.7340, 0.1311, 4.6183



48.9280, 6.4445, 79.8701



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 95.9250, 27.1520, -28.8752 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 95.9250, 27.1520, -28.8752 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 95.9250, 27.1520, -28.8752

Background



This preview shows how black text looks on a background with the YUV color 95.9250, 27.1520, -28.8752.

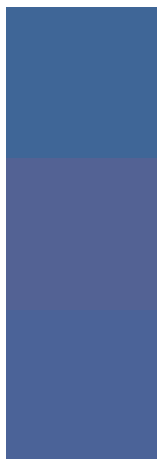


This preview shows how white text looks on a background with the YUV color 95.9250, 27.1520,

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

95.9250, 27.1520, -28.8752

Protanopia

99.2150, 24.0510, -14.2206

Deuteranopia

97.8660, 26.6881, -20.0535



Tritanopia

91.9720, 12.3388, -37.6864

Trichromacy



Original Color

95.9250, 27.1520, -28.8752

Protanomaly

97.8230, 25.2303, -19.1388

Deuteranomaly

97.2570, 26.9883, -23.0274

Tritanomaly

93.0740, 17.7115, -34.2679

Monochromacy



Original Color

95.9250, 27.1520, -28.8752

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8660, 9.9261, -10.4065

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.9250, 27.1520, -28.8752 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(63, 102, 151)` looks like.

```
.text, #text, p{  
    color:rgb(63, 102, 151)  
}
```

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(63, 102, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 102, 151) }
```

Border

The CSS property to change the border of an element to YUV 95.9250, 27.1520, -28.8752 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(63, 102, 151) }
```


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

```
.border{ border-color:rgb(63, 102, 151) }
```

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

Here you see how a box with a 4 pixel rgb(63, 102, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 102, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 102, 151);  
box-shadow:4px 4px 4px 4px rgb(63, 102,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 95.9250, 27.1520, -28.8752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 102, 151) }
```

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

```
.background{ background-color: rgb(63, 102,  
151) }
```

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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