

Converting Colors

YUV(78.5520, 39.6609,
-27.6711)

Have a look what the booklet for
YUV(78.5520, 39.6609, -27.6711)
contains.

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Color

**YUV(78.5520, 39.6609,
-27.6711)**

Conversions

Conversions Part 1

Format	Color
Hex	2F4F9F
RGB	47, 79, 159
RGB Percent	18%, 31%, 62%
CMY	0.8157, 0.6902, 0.3765
CMYK	0.70, 0.50, 0.00, 0.38
HSL	223°, 54%, 40%
HSV	223°, 70%, 62%
XYZ	10.2263, 8.6995, 33.9411
YIQ	78.5520, -44.7520, 18.0960

Conversions

Conversions Part 2

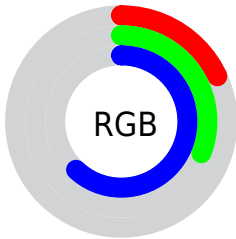
Format	Color
RYB	47, 72, 159
Decimal	3100575
CIELab	35.40, 16.26, -46.99
CIELCh	35, 49.723, 289.089
Yxy	8.6995, 0.1934, 0.1646
Android (android.graphics.Color)	4281290655 (0xFF2F4F9F)
YUV	78.5520, 39.6609, -27.6711
Hunter-Lab	29.4949, 10.2722, -47.5811

Details

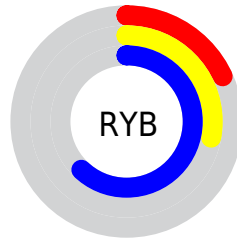
The YUV color **78.5520, 39.6609, -27.6711** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **127.4480, -39.6609, 27.6711**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.5250, 40.6602, -21.5084**, and **33.3300, 36.3193, -29.2304** is the 20% darker color. If you saturate the color by 10%, you get **67.3110, 45.2027, -31.8447**, and if you desaturate by 10%, it is **89.7930, 34.1191, -23.4975**.

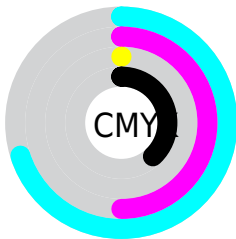
Distribution



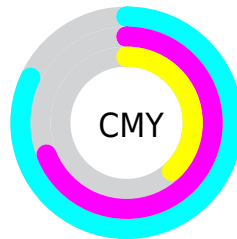
- Red (18%)
- Green (31%)
- Blue (62%)



- Red (18%)
- Yellow (28%)
- Blue (62%)



- Cyan (70%)
- Magenta (50%)
- Yellow (0%)
- Black (38%)



- Cyan (82%)
- Magenta (69%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.5520, 39.6609, -27.6711 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 78.5520, 39.6609, -27.6711 by changing the saturation by 10% instead.

■ 78.5520, 39.6609,
-27.6711

■ 78.5520, 39.6609,
-27.6711

■ 255.0000, 0.0000,
0.0000

■ 48.5070, 41.1620,
-42.5406

■ 131.5250, 40.6602,
-21.5084

■ 33.3300, 36.3193,
-29.2304

■ 157.8780, 41.9651,
-20.0640

■ 18.7400, 31.1872,
-16.4350

■ 183.4670, 35.2658,
-17.9496

■ 10.1340, 23.5979,
-8.8875

■ 208.5740, 22.8880,
-14.5354

■ 5.2780, 15.1459,
-4.6288

■ 233.6810, 10.5103,
-11.1212

■ 1.2540, 4.8048,
-1.0998

■ 253.8040, 0.5896,

■ 0.0000, 0.0000,

-2.4591

0.0000

■ 78.5520, 39.6609,
-27.6711

■ 78.5520, 39.6609,
-27.6711

■ 67.3110, 45.2027,
-31.8447

■ 89.7930, 34.1191,
-23.4975

■ 55.4830, 51.0339,
-35.5036

■ 101.6210, 28.2878,
-19.8386

■ 44.5410, 56.4283,
-39.0625

■ 112.8620, 22.7460,
-15.6650

■ 124.1030, 17.2042,
-11.4913

■ 135.9310, 11.3730,
-7.8325

■ 146.8730, 5.9786,
-4.2736

■ 158.7010, 0.1474,
-0.6148

■ 169.9420, -5.3944,
3.5589

■ 181.1830,
-10.9362, 7.7325

Harmonies

Analogous

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



72.4720, 44.1373, -63.5579



78.5520, 39.6609, -27.6711



85.4080, 24.9419, 26.8292

Triad

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



78.5520, 39.6609, -27.6711



79.1150, -27.6647, 53.3961



66.3380, 0.3264, -58.1784

Complementary

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



78.5520, 39.6609, -27.6711



127.4480, -39.6609, 27.6711

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.



66.1820, -19.8097, -39.6246



78.5520, 39.6609, -27.6711



78.3990, -38.6507, 30.3451

Square

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



78.5520, 39.6609, -27.6711



76.6540, -8.2104, 66.9554



75.2660, -37.1061, 1.5207



71.5990, 17.9457, -62.7923

Rectangle

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



78.5520, 39.6609, -27.6711



81.9180, 14.8304, 50.0609



75.2660, -37.1061, 1.5207



64.1550, -5.4994, -56.2639

Sweetspot

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



78.5520, 39.6609, -27.6711



175.6470, 15.4570, -11.0914



121.6360, 1.6585, -65.4558



85.7740, 9.4784, -6.8178



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



78.5520, 39.6609, -27.6711



80.4140, 62.4069, -43.3361



66.3460, 45.6784, 2.3276



73.0860, 2.9156, -1.8294



40.3690, 50.5971, -35.4036



4.0580, 5.3944, -3.5589

Inverse Universe

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



84.1360, -2.5320, 65.6557



89.3240, -4.1037, 103.2019



139.6540, -45.6784, -2.3276



73.6200, -0.3057, 4.7183



47.4310, -3.1705, 83.8140



4.9410, -0.4639, 8.8217

Previews

White Background



This preview shows how the YUV color 78.5520, 39.6609, -27.6711 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



This preview shows how the YUV color 78.5520, 39.6609, -27.6711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

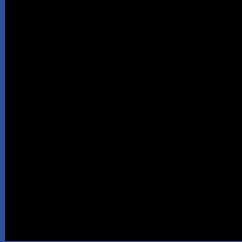
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.5520, 39.6609, -27.6711

Background



This preview shows how black text looks on a background with the YUV color 78.5520, 39.6609, -27.6711.



This preview shows how white text looks on a background with the YUV color 78.5520, 39.6609,

-27.6711.

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

78.5520, 39.6609, -27.6711

Protanopia

75.9640, 41.4297, -35.0484

Deuteranopia

66.7670, 40.0479, -58.5547



Tritanopia

65.2900, 16.6190, -57.2593

Trichromacy



Original Color

78.5520, 39.6609, -27.6711

Protanomaly

77.1600, 40.8401, -32.5893

Deuteranomaly

71.1320, 39.8679, -47.4738

Tritanomaly

69.9460, 25.1696, -46.4336

Monochromacy



Original Color

78.5520, 39.6609, -27.6711

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.7180, 14.4360, -10.2767

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.5520, 39.6609, -27.6711 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(47, 79, 159)` looks like.

```
.text, #text, p{  
    color:rgb(47, 79, 159)  
}
```

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(47, 79, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 79, 159) }
```

Border

The CSS property to change the border of an element to YUV 78.5520, 39.6609, -27.6711 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(47, 79, 159) }
```


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

```
.border{ border-color:rgb(47, 79, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 79, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 79, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 79, 159);  
box-shadow:4px 4px 4px 4px rgb(47, 79,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 78.5520, 39.6609, -27.6711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 79, 159) }
```

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

```
.background{ background-color: rgb(47, 79,  
159) }
```

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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