

Converting Colors

YUV(127.0160, 32.5301,
-27.2010)

Have a look what the booklet for
YUV(127.0160, 32.5301, -27.2010)
contains.

YUV(127.0160, 32.5301, -27.2010)	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(127.0160, 32.5301,
-27.2010)**

Conversions

Conversions Part 1

Format	Color
Hex	6082C1
RGB	96, 130, 193
RGB Percent	38%, 51%, 76%
CMY	0.6235, 0.4902, 0.2431
CMYK	0.50, 0.33, 0.00, 0.24
HSL	219°, 44%, 57%
HSV	219°, 50%, 76%
XYZ	22.4321, 22.3023, 53.5746
YIQ	127.0160, -40.4870, 12.3850

Conversions

Conversions Part 2

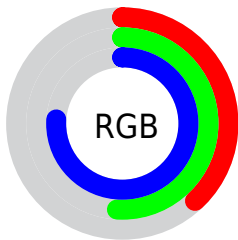
Format	Color
R_{YB}	96, 121, 193
Decimal	6324929
CIE _{Lab}	54.35, 5.78, -36.61
CIE _{LCh}	54, 37.059, 278.966
Yxy	22.3023, 0.2282, 0.2269
Android (android.graphics.Color)	4284515009 (0xFF6082C1)
YUV	127.0160, 32.5301, -27.2010
Hunter-Lab	47.2253, 2.1436, -34.2035

Details

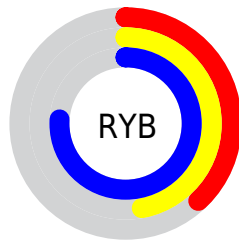
The YUV color **127.0160, 32.5301, -27.2010** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **161.9840, -32.5301, 27.2010**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.0700, 33.9825, -26.3714**, and **74.7550, 31.6728, -32.2341** is the 20% darker color. If you saturate the color by 10%, you get **113.7040, 39.0929, -32.1894**, and if you desaturate by 10%, it is **140.3280, 25.9673, -22.2127**.

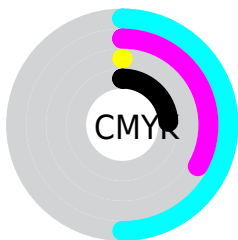
Distribution



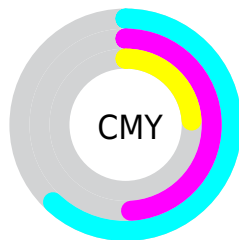
- Red (38%)
- Green (51%)
- Blue (76%)



- Red (38%)
- Yellow (47%)
- Blue (76%)



- Cyan (50%)
- Magenta (33%)
- Yellow (0%)
- Black (24%)



- Cyan (62%)
- Magenta (49%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.0160, 32.5301, -27.2010 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 127.0160, 32.5301, -27.2010 by changing the saturation by 10% instead.

■ 127.0160, 32.5301,
-27.2010

■ 127.0160, 32.5301,
-27.2010

255.0000, 0.0000,
0.0000

■ 100.8910, 32.0987,
-28.8454

■ 181.0700, 33.9825,
-26.3714

■ 74.7550, 31.6728,
-32.2341

■ 206.1600, 24.0781,
-22.9423

■ 46.9280, 32.5735,
-41.1559

■ 230.9680, 11.8478,
-20.1429

■ 31.7510, 27.7308,
-27.8456

■ 249.9170, 2.5059,
-10.4512

■ 16.8020, 23.7616,
-14.7354

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 127.0160, 32.5301,
-27.2010

■ 127.0160, 32.5301,
-27.2010

■ 113.7040, 39.0929,
-32.1894

■ 140.3280, 25.9673,
-22.2127

■ 100.6800, 45.5138,
-38.3074

■ 153.3520, 19.5465,
-16.0947

■ 87.3680, 52.0766,
-43.2957

■ 166.6640, 12.9836,
-11.1063

■ 74.6430, 58.3500,
-48.7989

■ 179.3890, 6.7102,
-5.6032

■ 61.9180, 64.6234,
-54.3021

■ 193.0000, 0.0000,
0.0000

■ 205.7250, -6.2734,
5.5032

■ 219.0370,
-12.8362, 10.4916

■ 231.7620,
-19.1097, 15.9947

■ 240.8880,
-23.6088, 12.3762

Harmonies

Analogous

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



104.3240, 41.7453, -89.7381



127.0160, 32.5301, -27.2010



133.4400, 22.9541, 11.0151

Triad

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



127.0160, 32.5301, -27.2010



130.2700, -19.3601, 49.7522



116.0360, -4.9477, -46.5126

Complementary

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



127.0160, 32.5301, -27.2010



161.9840, -32.5301, 27.2010

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.



122.8800, -21.6328, -14.8038



127.0160, 32.5301, -27.2010



128.9510, -29.0628, 35.1230

Square

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



127.0160, 32.5301, -27.2010



131.9510, -5.3988, 51.7860



126.4660, -30.3027, 12.7463



102.1350, 18.1744, -89.5724

Rectangle

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



127.0160, 32.5301, -27.2010



133.6830, 14.4533, 30.9730



126.4660, -30.3027, 12.7463



119.0930, -11.3848, -35.1616

Sweetspot

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



127.0160, 32.5301, -27.2010



224.5500, 12.5468, -11.0064



159.8930, -1.4262, -56.0342



109.3180, 7.7312, -6.4179



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



127.0160, 32.5301, -27.2010



148.2110, 50.1820, -42.2810



110.9450, 40.4531, -1.7058



90.4880, 3.2104, -3.0590



51.2260, 54.1186, -44.9252



10.8060, 10.9416, -9.4769

Inverse Universe

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



128.8790, 0.5527, 56.2341



150.8920, 1.0392, 86.9177



178.0550, -40.4531, 1.7058



90.4460, 0.2731, 5.7479



54.5230, 0.7282, 93.3803



11.2350, 0.3771, 19.0879

Previews

White Background



This preview shows how the YUV color 127.0160, 32.5301, -27.2010 looks on a white background.

Color Contrast Check

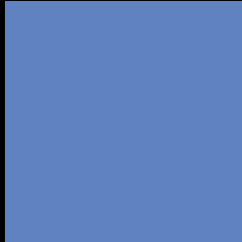
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 127.0160, 32.5301, -27.2010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

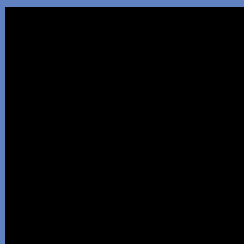
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

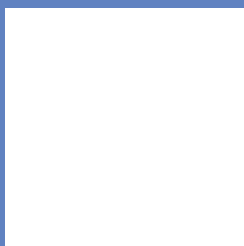
Any Text WCAG AAA × Fail

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

YUV 127.0160, 32.5301, -27.2010 Background



This preview shows how black text looks on a background with the YUV color 127.0160, 32.5301, -27.2010.

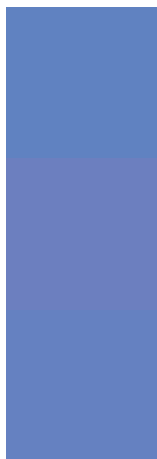


This preview shows how white text looks on a background with the YUV color 127.0160, 32.5301, -27.2010.

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

127.0160, 32.5301, -27.2010

Protanopia

128.6150, 30.7558, -18.0794

Deuteranopia

127.9240, 32.0825, -23.6123



Tritanopia

123.2110, 13.2070, -36.1420

Trichromacy



Original Color

127.0160, 32.5301, -27.2010

Protanomaly

128.1200, 31.4928, -21.1532

Deuteranomaly

127.3260, 32.3773, -24.8419

Tritanomaly

124.7690, 20.3269, -33.1234

Monochromacy



Original Color

127.0160, 32.5301, -27.2010

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.0340, 11.8152, -9.6768

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.0160, 32.5301, -27.2010 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(96, 130, 193)` looks like.

```
.text, #text, p{  
    color:rgb(96, 130, 193)  
}
```

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(96, 130, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 130, 193) }
```

Border

The CSS property to change the border of an element to YUV 127.0160, 32.5301, -27.2010 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(96, 130, 193) }
```


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

```
.border{ border-color:rgb(96, 130, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 130, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 130, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 130, 193);  
box-shadow:4px 4px 4px 4px rgb(96, 130,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 127.0160, 32.5301, -27.2010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 130, 193) }
```

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

```
.background{ background-color: rgb(96, 130,  
193) }
```

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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