

Converting Colors

YUV(127.3060, 25.9781,
-25.7014)

Have a look what the booklet for
YUV(127.3060, 25.9781, -25.7014)
contains.

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Color

**YUV(127.3060, 25.9781,
-25.7014)**

Conversions

Conversions Part 1

Format	Color
Hex	6284B4
RGB	98, 132, 180
RGB Percent	38%, 52%, 71%
CMY	0.6157, 0.4824, 0.2941
CMYK	0.46, 0.27, 0.00, 0.29
HSL	215°, 35%, 55%
HSV	215°, 46%, 71%
XYZ	21.5265, 22.3945, 46.3680
YIQ	127.3060, -35.6720, 7.7200

Conversions

Conversions Part 2

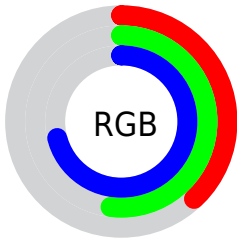
Format	Color
R _Y B	98, 122, 180
Decimal	6456500
CIE Lab	54.44, 1.14, -29.02
CIE LCh	54, 29.039, 272.255
Yxy	22.3945, 0.2384, 0.2480
Android (android.graphics.Color)	4284646580 (0xFF6284B4)
YUV	127.3060, 25.9781, -25.7014
Hunter-Lab	47.3228, -1.6178, -24.9678

Details

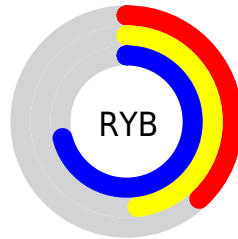
The YUV color $127.3060, 25.9781, -25.7014$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $150.6940, -25.9781, 25.7014$, and the grayscale version is $127.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $180.9470, 27.1411, -25.3865$, and $76.3550, 24.9680, -28.3753$ is the 20% darker color. If you saturate the color by 10%, you get $115.4670, 31.8148, -31.1046$, and if you desaturate by 10%, it is $139.1450, 20.1415, -20.2982$.

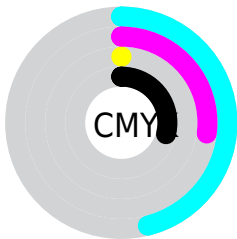
Distribution



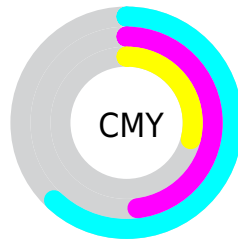
- Red (38%)
- Green (52%)
- Blue (71%)



- Red (38%)
- Yellow (48%)
- Blue (71%)



- Cyan (46%)
- Magenta (27%)
- Yellow (0%)
- Black (29%)



- Cyan (62%)
- Magenta (48%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.3060, 25.9781, -25.7014 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 127.3060, 25.9781, -25.7014 by changing the saturation by 10% instead.

■ 127.3060, 25.9781,
-25.7014

■ 127.3060, 25.9781,
-25.7014

■ 255.0000, 0.0000,
0.0000

■ 101.4800, 25.3994,
-26.7310

■ 180.9470, 27.1411,
-25.3865

■ 76.3550, 24.9680,
-28.3753

■ 207.3340, 23.4993,
-23.9719

■ 49.5390, 25.8633,
-35.5527

■ 232.7290, 10.9796,
-21.6873

■ 31.6710, 22.3472,
-27.7755

■ 249.6180, 2.6533,
-11.0660

■ 16.7220, 18.3781,
-14.6652

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,

-0.4999

■ 0.0000, 0.0000,
0.0000

■ 127.3060, 25.9781,
-25.7014

■ 127.3060, 25.9781,
-25.7014

■ 115.4670, 31.8148,
-31.1046

■ 139.1450, 20.1415,
-20.2982

■ 104.2150, 37.3620,
-37.0226

■ 150.3970, 14.5943,
-14.3802

■ 92.3760, 43.1986,
-42.4258

■ 162.2360, 8.7577,
-8.9770

■ 81.1240, 48.7459,
-48.3437

■ 173.4880, 3.2104,
-3.0590

■ 69.2850, 54.5825,
-53.7469

■ 185.3270, -2.6262,
2.3442

■ 64.5450, 56.9193,
-56.6060

■ 196.5790, -8.1734,
8.2622

■ 208.4180,
-14.0101, 13.6654

■ 219.6700,
-19.5573, 19.5834

■ 230.0140,
-24.6569, 21.9127

Harmonies

Analogous

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



118.4720, 27.3753, -53.9109



127.3060, 25.9781, -25.7014



132.5870, 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.



127.3060, 25.9781, -25.7014



131.5230, -13.0758, 40.7603



122.0490, -7.9122, -28.9840

Complementary

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



127.3060, 25.9781, -25.7014



150.6940, -25.9781, 25.7014

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.



125.9180, -19.1866, -6.0671



127.3060, 25.9781, -25.7014



130.4650, -21.9212, 31.1642

Square

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



127.3060, 25.9781, -25.7014



133.0850, -2.0139, 39.3905



128.1980, -23.7616, 14.7354



116.5050, 7.1460, -52.1859

Rectangle

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



127.3060, 25.9781, -25.7014



133.6770, 13.4702, 19.5773



128.1980, -23.7616, 14.7354



123.0670, -11.8650, -21.1068

Sweetspot

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



127.3060, 25.9781, -25.7014



213.3930, 10.6523, -9.9917



151.6060, -2.7638, -47.0125



104.5630, 6.1314, -6.6328



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



127.3060, 25.9781, -25.7014



151.8170, 41.0092, -40.1815



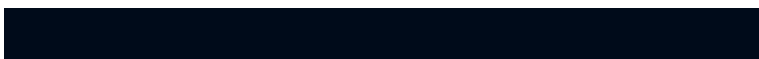
109.4410, 34.7856, -3.8948



83.3740, 2.7736, -2.9590



54.4230, 48.5985, -47.7290



9.4210, 8.1734, -8.2622

Inverse Universe

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



126.3940, 2.7638, 47.0125



150.6130, 4.1348, 74.0074



168.5590, -34.7856, 3.8948



83.1470, 0.4205, 5.1331



52.9290, 4.9650, 87.7623



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 127.3060, 25.9781, -25.7014 looks on a white background.

Color Contrast Check

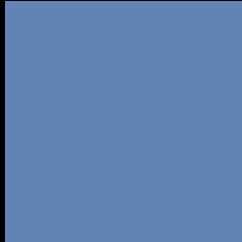
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.3060, 25.9781, -25.7014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

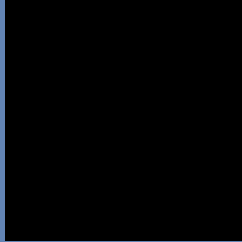
Any Text WCAG AA ✓ Pass

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 127.3060, 25.9781, -25.7014 Background



This preview shows how black text looks on a background with the YUV color 127.3060, 25.9781, -25.7014.



This preview shows how white text looks on a background with the YUV color 127.3060, 25.9781, -25.7014.

-25.7014.

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

127.3060, 25.9781, -25.7014

Protanopia

129.9980, 23.1720, -12.2762

Deuteranopia

129.5570, 25.3614, -14.5205



Tritanopia

124.6030, 12.0277, -31.2238

Trichromacy



Original Color

127.3060, 25.9781, -25.7014

Protanomaly

128.6060, 24.3512, -17.1945

Deuteranomaly

128.6490, 25.8090, -18.1092

Tritanomaly

125.5800, 16.9691, -29.4497

Monochromacy



Original Color

127.3060, 25.9781, -25.7014

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.0510, 9.3419, -9.6917

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.3060, 25.9781, -25.7014 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(98, 132, 180)` looks like.

```
.text, #text, p{  
    color:rgb(98, 132, 180)  
}
```

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(98, 132, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 132, 180) }
```

Border

The CSS property to change the border of an element to YUV 127.3060, 25.9781, -25.7014 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(98, 132, 180) }
```


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

```
.border{ border-color:rgb(98, 132, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 132, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 132, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 132, 180);  
box-shadow:4px 4px 4px 4px rgb(98, 132,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 127.3060, 25.9781, -25.7014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 132, 180) }
```

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

```
.background{ background-color: rgb(98, 132,  
180) }
```

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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