

Converting Colors

YUV(126.2320, 18.1266,
-27.3905)

Have a look what the booklet for
YUV(126.2320, 18.1266, -27.3905)
contains.

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Color

**YUV(126.2320, 18.1266,
-27.3905)**

Conversions

Conversions Part 1

Format	Color
Hex	5F87A3
RGB	95, 135, 163
RGB Percent	37%, 53%, 64%
CMY	0.6275, 0.4706, 0.3608
CMYK	0.42, 0.17, 0.00, 0.36
HSL	205°, 27%, 51%
HSV	205°, 42%, 64%
XYZ	19.9941, 22.4052, 37.9212
YIQ	126.2320, -32.8280, 0.2280

Conversions

Conversions Part 2

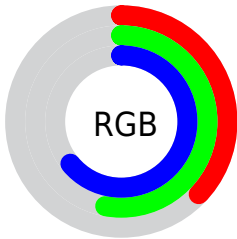
Format	Color
R _Y B	95, 120, 163
Decimal	6260643
CIE Lab	54.45, -6.32, -19.24
CIE LCh	54, 20.251, 251.827
Yxy	22.4052, 0.2489, 0.2789
Android (android.graphics.Color)	4284450723 (0xFF5F87A3)
YUV	126.2320, 18.1266, -27.3905
Hunter-Lab	47.3341, -7.4355, -14.3656

Details

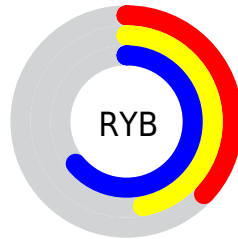
The YUV color **126.2320, 18.1266, -27.3905** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **131.7680, -18.1266, 27.3905**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.4600, 19.0002, -27.5904**, and **75.4060, 17.5478, -28.4201** is the 20% darker color. If you saturate the color by 10%, you get **117.3390, 22.5109, -33.6233**, and if you desaturate by 10%, it is **135.1250, 13.7424, -21.1576**.

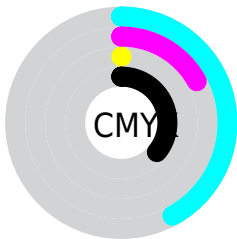
Distribution



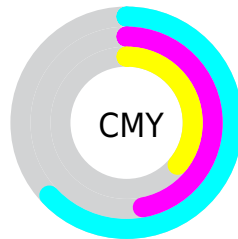
- Red (37%)
- Green (53%)
- Blue (64%)



- Red (37%)
- Yellow (47%)
- Blue (64%)



- Cyan (42%)
- Magenta (17%)
- Yellow (0%)
- Black (36%)



- Cyan (63%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.2320, 18.1266, -27.3905 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 126.2320, 18.1266, -27.3905 by changing the saturation by 10% instead.

■ 126.2320, 18.1266,
-27.3905

■ 126.2320, 18.1266,
-27.3905

■ 255.0000, 0.0000,
0.0000

■ 100.8190, 17.8372,
-27.9053

■ 179.4600, 19.0002,
-27.5904

■ 75.4060, 17.5478,
-28.4201

■ 207.4600, 19.0002,
-27.5904

■ 50.1990, 18.1429,
-32.6235

■ 233.2940, 10.7011,
-25.6908

■ 30.6620, 15.9426,
-26.8906

■ 248.1230, 3.3904,
-14.1399

■ 16.4140, 12.1209,
-14.3951

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 126.2320, 18.1266,
-27.3905

■ 126.2320, 18.1266,
-27.3905

■ 117.3390, 22.5109,
-33.6233

■ 135.1250, 13.7424,
-21.1576

■ 108.7340, 26.7531,
-40.9857

■ 143.7300, 9.5001,
-13.7952

■ 99.8410, 31.1374,
-47.2186

■ 152.6230, 5.1159,
-7.5624

■ 90.9480, 35.5216,
-53.4514

■ 161.5160, 0.7316,
-1.3295

■ 82.0550, 39.9059,
-59.6842

■ 170.4090, -3.6526,
4.9033

■ 74.9340, 43.4165,
-65.7171

■ 179.0140, -7.8949,
12.2657

■ 187.9070,
-12.2792, 18.4986

■ 196.8000,
-16.6634, 24.7314

■ 205.4050,
-20.9057, 32.0938

Harmonies

Analogous

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



122.9550, 14.8122, -37.6715



126.2320, 18.1266, -27.3905



130.0000, 16.7620, -9.6470

Triad

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



126.2320, 18.1266, -27.3905



133.0360, -4.4547, 28.9094



126.3720, -11.0294, -9.0962

Complementary

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



126.2320, 18.1266, -27.3905



131.7680, -18.1266, 27.3905

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.



128.5050, -16.0250, 6.5731



126.2320, 18.1266, -27.3905



131.4890, -11.5801, 27.6351

Square

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



126.2320, 18.1266, -27.3905



133.2830, 4.2975, 21.6768



130.1800, -16.3577, 20.0131



124.1620, -2.5449, -23.8211

Rectangle

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



126.2320, 18.1266, -27.3905



131.6810, 13.9613, 2.0338



130.1800, -16.3577, 20.0131



127.4220, -13.5190, -3.8781

Sweetspot

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



126.2320, 18.1266, -27.3905



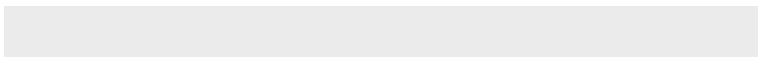
196.5840, 7.6001, -11.0362



137.9940, -7.8850, -37.7057



97.8080, 4.5317, -6.8476



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



126.2320, 18.1266, -27.3905



154.4780, 28.3583, -42.5152



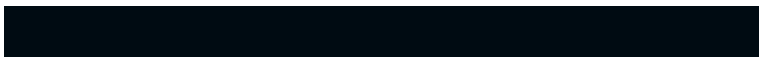
106.8610, 27.6765, -10.4021



76.9610, 2.4842, -3.4738



67.0120, 38.4481, -58.7695



8.5090, 4.6791, -7.4624

Inverse Universe

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



119.8920, 7.4482, 37.8057



144.7620, 11.4563, 58.9677



151.1390, -27.6765, 10.4021



76.2610, 0.8573, 5.0331



53.0450, 15.7538, 80.6445



6.5220, 1.7147, 10.0662

Previews

White Background



This preview shows how the YUV color 126.2320, 18.1266, -27.3905 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 126.2320, 18.1266, -27.3905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

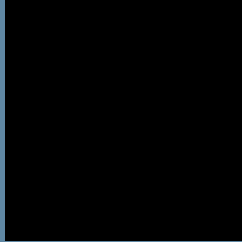
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.2320, 18.1266, -27.3905

Background



This preview shows how black text looks on a background with the YUV color 126.2320, 18.1266, -27.3905.

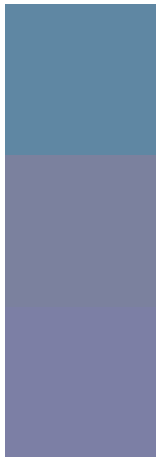


This preview shows how white text looks on a background with the YUV color 126.2320, 18.1266, -27.3905.

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

126.2320, 18.1266, -27.3905

Protanopia

130.5120, 13.5516, -6.5880

Deuteranopia

130.4350, 17.0405, -5.6435



Tritanopia

124.6140, 12.0223, -29.4795

Trichromacy



Original Color

126.2320, 18.1266, -27.3905

Protanomaly

128.9240, 15.3205, -13.9653

Deuteranomaly

128.7930, 17.3571, -13.8505

Tritanomaly

124.8960, 14.3483, -28.8498

Monochromacy



Original Color

126.2320, 18.1266, -27.3905

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9540, 6.4317, -9.6067

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.2320, 18.1266, -27.3905 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(95, 135, 163)` looks like.

```
.text, #text, p{  
    color:rgb(95, 135, 163)  
}
```

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(95, 135, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 135, 163) }
```

Border

The CSS property to change the border of an element to YUV 126.2320, 18.1266, -27.3905 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(95, 135, 163) }
```


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

```
.border{ border-color:rgb(95, 135, 163) }
```

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

Here you see how a box with a 4 pixel rgb(95, 135, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 135, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 135, 163);  
box-shadow:4px 4px 4px 4px rgb(95, 135,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 126.2320, 18.1266, -27.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 135, 163) }
```

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

```
.background{ background-color: rgb(95, 135,  
163) }
```

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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