

Converting Colors

YUV(122.4270, 2.2545,
-23.1765)

Have a look what the booklet for
YUV(122.4270, 2.2545, -23.1765)
contains.

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Color

**YUV(122.4270, 2.2545,
-23.1765)**

Conversions

Conversions Part 1

Format	Color
Hex	60877F
RGB	96, 135, 127
RGB Percent	38%, 53%, 50%
CMY	0.6235, 0.4706, 0.5020
CMYK	0.29, 0.00, 0.06, 0.47
HSL	168°, 17%, 45%
HSV	168°, 29%, 53%
XYZ	17.3186, 21.3470, 23.2863
YIQ	122.4270, -20.6760, -10.7560

Conversions

Conversions Part 2

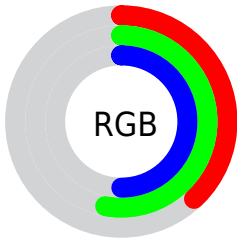
Format	Color
R_{YB}	96, 118, 135
Decimal	6326143
CIE _{Lab}	53.33, -15.36, -0.07
CIE _{LCh}	53, 15.362, 180.275
Yxy	21.3470, 0.2795, 0.3446
Android (android.graphics.Color)	4284516223 (0xFF60877F)
YUV	122.4270, 2.2545, -23.1765
Hunter-Lab	46.2029, -13.9464, 2.4598

Details

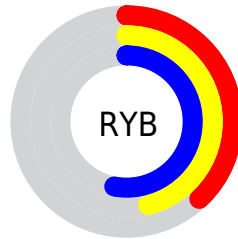
The YUV color $122.4270, 2.2545, -23.1765$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $108.5730, -2.2545, 23.1765$, and the grayscale version is $122.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $175.1280, 2.4019, -23.7913$, and $73.1390, 2.3965, -22.0469$ is the 20% darker color. If you saturate the color by 10%, you get $117.8990, 3.0078, -31.4834$, and if you desaturate by 10%, it is $126.9550, 1.5012, -14.8695$.

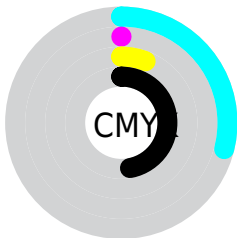
Distribution



- Red (38%)
- Green (53%)
- Blue (50%)



- Red (38%)
- Yellow (46%)
- Blue (53%)



- Cyan (29%)
- Magenta (0%)
- Yellow (6%)
- Black (47%)



- Cyan (62%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.4270, 2.2545, -23.1765 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 122.4270, 2.2545, -23.1765 by changing the saturation by 10% instead.

■ 122.4270, 2.2545,
-23.1765

■ 122.4270, 2.2545,
-23.1765

■ 255.0000, 0.0000,
0.0000

■ 97.4270, 2.2545,
-23.1765

■ 175.1280, 2.4019,
-23.7913

■ 73.1390, 2.3965,
-22.0469

■ 202.7150, 2.1125,
-24.3061

■ 49.8400, 2.5439,
-22.6617

■ 231.0030, 1.9705,
-25.4356

■ 27.3560, 3.2755,
-23.9912

■ 247.8240, 3.5378,
-14.7546

■ 13.1080, -0.5462,
-11.4957

■ 0.0000, 0.0000,
0.0000

■ 122.4270, 2.2545,
-23.1765

■ 122.4270, 2.2545,
-23.1765

■ 117.8990, 3.0078,
-31.4834

■ 126.9550, 1.5012,
-14.8695

■ 113.6700, 3.6137,
-39.1756

■ 131.1840, 0.8953,
-7.1774

■ 109.5550, 4.6564,
-46.9677

■ 135.5980, -0.2948,
1.2296

■ 105.0270, 5.4097,
-55.2747

■ 139.8270, -0.9007,
8.9217

■ 100.7980, 6.0156,
-62.9668

■ 144.0560, -1.5066,
16.6139

■ 96.2700, 6.7689,
-71.2738

■ 148.5840, -2.2599,
24.9208

■ 92.1550, 7.8116,
-79.0659

■ 152.6990, -3.3026,
32.7130

■ 91.4430, 7.6696,

■ 157.2270, -4.0559,

-80.1955

41.0199

 161.7550, -4.8092,
49.3269

Harmonies

Analogous

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



123.9460, -4.9034, -13.9846



122.4270, 2.2545, -23.1765



122.4140, 8.6699, -27.5501

Triad

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



122.4270, 2.2545, -23.1765



128.7580, 10.4723, 1.0892



128.1350, -11.4056, 18.2986

Complementary

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



122.4270, 2.2545, -23.1765



108.5730, -2.2545, 23.1765

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.



129.3080, -7.0538, 22.5319



122.4270, 2.2545, -23.1765



129.8690, 5.4876, 13.2699

Square

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



122.4270, 2.2545, -23.1765



126.1800, 13.7153, -12.4359



129.6050, -0.7913, 20.5174



126.7380, -12.6888, 9.8768

Rectangle

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



122.4270, 2.2545, -23.1765



122.9350, 11.8640, -25.3760



129.6050, -0.7913, 20.5174



128.4880, -10.1006, 19.7430

Sweetspot

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



122.4270, 2.2545, -23.1765



170.8740, 1.0481, -9.5365



121.2850, -12.4655, -15.1589



85.7820, 0.6005, -5.9478



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



122.4270, 2.2545, -23.1765



155.9800, 3.4609, -36.8165



116.8820, 8.9322, -18.3135



64.0920, 0.4476, -3.5887



88.0520, 7.3694, -77.2216



1.9890, 0.0054, -1.7444

Inverse Universe

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



108.5730, -2.2545, 23.1765



134.0200, -3.4609, 36.8165



114.1180, -8.9322, 18.3135



61.9080, -0.4476, 3.5887



41.9480, -7.3694, 77.2216



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 122.4270, 2.2545, -23.1765 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 122.4270, 2.2545, -23.1765 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 122.4270, 2.2545, -23.1765

Background



This preview shows how black text looks on a background with the YUV color 122.4270, 2.2545, -23.1765.



This preview shows how white text looks on a background with the YUV color 122.4270, 2.2545,

-23.1765.

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

122.4270, 2.2545, -23.1765

Protanopia

126.7400, -2.3368, 2.8590

Deuteranopia

128.1690, 0.4097, 8.6218



Tritanopia

124.2730, 9.2324, -21.2874

Trichromacy



Original Color

122.4270, 2.2545, -23.1765

Protanomaly

125.1410, -0.5625, -6.2627

Deuteranomaly

125.9180, 1.0264, -2.5591

Tritanomaly

123.8770, 6.4696, -21.8171

Monochromacy



Original Color

122.4270, 2.2545, -23.1765

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.4720, 0.7533, -8.3069

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.4270, 2.2545, -23.1765 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, 135, 127)` looks like.

```
.text, #text, p{  
    color:rgb(96, 135, 127)  
}
```

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, 135, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 135, 127) }
```

Border

The CSS property to change the border of an element to YUV 122.4270, 2.2545, -23.1765 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, 135, 127) }
```


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

```
.border{ border-color:rgb(96, 135, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 135, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 135, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 135, 127);  
box-shadow:4px 4px 4px 4px rgb(96, 135,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 122.4270, 2.2545, -23.1765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 135, 127) }
```

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

```
.background{ background-color: rgb(96, 135,  
127) }
```

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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