

Converting Colors

YUV(126.0620, 22.6474,
-30.7494)

Have a look what the booklet for
YUV(126.0620, 22.6474, -30.7494)
contains.

YUV(126.0620, 22.6474, -30.7494)	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(126.0620, 22.6474,
-30.7494)**

Conversions

Conversions Part 1

Format	Color
Hex	5B87AC
RGB	91, 135, 172
RGB Percent	36%, 53%, 67%
CMY	0.6431, 0.4706, 0.3255
CMYK	0.47, 0.22, 0.00, 0.33
HSL	207°, 33%, 52%
HSV	207°, 47%, 67%
XYZ	20.4248, 22.5306, 42.3021
YIQ	126.0620, -38.1010, 2.1790

Conversions

Conversions Part 2

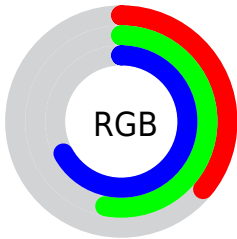
Format	Color
R_{YB}	91, 120, 172
Decimal	5998508
CIE _{Lab}	54.59, -4.76, -24.24
CIE _{LCh}	55, 24.701, 258.884
Yxy	22.5306, 0.2396, 0.2643
Android (android.graphics.Color)	4284188588 (0xFF5B87AC)
YUV	126.0620, 22.6474, -30.7494
Hunter-Lab	47.4665, -6.2580, -19.6127

Details

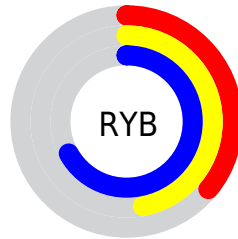
The YUV color $126.0620, 22.6474, -30.7494$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $136.9380, -22.6474, 30.7494$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $179.7030, 23.8104, -30.4345$, and $74.3390, 22.5109, -33.6233$ is the 20% darker color. If you saturate the color by 10%, you get $116.2830, 27.4685, -37.0822$, and if you desaturate by 10%, it is $135.8410, 17.8264, -24.4166$.

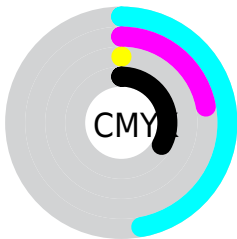
Distribution



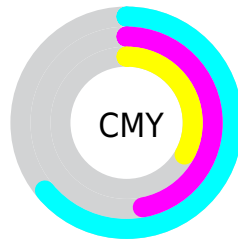
- Red (36%)
- Green (53%)
- Blue (67%)



- Red (36%)
- Yellow (47%)
- Blue (67%)



- Cyan (47%)
- Magenta (22%)
- Yellow (0%)
- Black (33%)



- Cyan (64%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.0620, 22.6474, -30.7494 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 126.0620, 22.6474, -30.7494 by changing the saturation by 10% instead.

■ 126.0620, 22.6474,
-30.7494

■ 126.0620, 22.6474,
-30.7494

■ 255.0000, 0.0000,
0.0000

■ 100.2360, 22.0687,
-31.7790

■ 179.7030, 23.8104,
-30.4345

■ 74.3390, 22.5109,
-33.6233

■ 207.5890, 23.3736,
-30.3346

■ 47.2240, 23.5536,
-41.4154

■ 232.3970, 11.1433,
-27.5352

■ 32.1610, 19.1476,
-28.2052

■ 247.5250, 3.6852,
-15.3694

■ 17.2120, 15.1785,
-15.0949

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 126.0620, 22.6474,
-30.7494

■ 126.0620, 22.6474,
-30.7494

■ 116.2830, 27.4685,
-37.0822

■ 135.8410, 17.8264,
-24.4166

■ 106.5040, 32.2895,
-43.4150

■ 145.6200, 13.0053,
-18.0837

■ 96.4260, 37.2580,
-50.3626

■ 155.6980, 8.0369,
-11.1361

■ 87.2340, 41.7896,
-57.2102

■ 164.8900, 3.5052,
-4.2885

■ 77.4550, 46.6107,
-63.5430

■ 174.6690, -1.3158,
2.0443

■ 74.1990, 48.2159,
-65.0725

■ 184.4480, -6.1369,
8.3771

■ 194.2270,
-10.9579, 14.7099

■ 204.3050,
-15.9264, 21.6575

■ 214.0840,
-20.7474, 27.9903

Harmonies

Analogous

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



120.3820, 20.5177, -47.6930



126.0620, 22.6474, -30.7494



131.4070, 19.5193, -7.3729

Triad

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



126.0620, 22.6474, -30.7494



132.6840, -7.2392, 35.3571



125.2140, -11.4445, -15.9737

Complementary

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



126.0620, 22.6474, -30.7494



136.9380, -22.6474, 30.7494

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.



127.7990, -18.6349, 3.6843



126.0620, 22.6474, -30.7494



131.9580, -16.2483, 31.6088

Square

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



126.0620, 22.6474, -30.7494



133.5830, 2.6706, 30.1837



130.4420, -20.4309, 19.7834



122.0790, -0.0389, -34.2723

Rectangle

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



126.0620, 22.6474, -30.7494



133.3550, 15.1080, 7.5817



130.4420, -20.4309, 19.7834



126.1610, -14.3764, -8.9112

Sweetspot

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



126.0620, 22.6474, -30.7494



206.5130, 8.6211, -11.8509



142.6510, -7.7159, -45.2979



101.0360, 5.4053, -7.0476



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



126.0620, 22.6474, -30.7494



151.6820, 35.6528, -48.8331



102.5820, 34.2231, -10.1574



81.9610, 2.4842, -3.4738



65.2340, 41.7896, -57.2102



9.6660, 6.5737, -8.4771

Inverse Universe

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



120.2350, 7.2791, 45.3979



142.2520, 11.7078, 71.6930



160.4180, -34.2231, 10.1574



81.2610, 0.8573, 5.0331



54.1980, 13.7064, 84.0184



8.2450, 1.8512, 12.9401

Previews

White Background



This preview shows how the YUV color 126.0620, 22.6474, -30.7494 looks on a white background.

Color Contrast Check

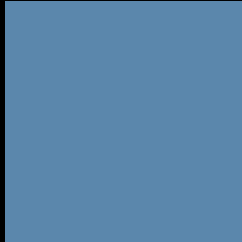
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.0620, 22.6474, -30.7494 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 126.0620, 22.6474, -30.7494 Background



This preview shows how black text looks on a background with the YUV color 126.0620, 22.6474, -30.7494.



This preview shows how white text looks on a background with the YUV color 126.0620, 22.6474, -30.7494.

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

126.0620, 22.6474, -30.7494

Protanopia

130.6410, 17.9250, -9.3322

Deuteranopia

130.4390, 20.9826, -10.0320



Tritanopia

123.8090, 12.9122, -34.9125

Trichromacy



Original Color

126.0620, 22.6474, -30.7494

Protanomaly

128.7540, 19.8413, -17.3243

Deuteranomaly

129.2100, 21.5885, -17.7242

Tritanomaly

125.0310, 16.2537, -33.3532

Monochromacy



Original Color

126.0620, 22.6474, -30.7494

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.8120, 8.4737, -11.2361

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.0620, 22.6474, -30.7494 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(91, 135, 172)` looks like.

```
.text, #text, p{  
    color:rgb(91, 135, 172)  
}
```

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(91, 135, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 135, 172) }
```

Border

The CSS property to change the border of an element to YUV 126.0620, 22.6474, -30.7494 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(91, 135, 172) }
```


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

```
.border{ border-color:rgb(91, 135, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 135, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 135, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 135, 172);  
box-shadow:4px 4px 4px 4px rgb(91, 135,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 126.0620, 22.6474, -30.7494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 135, 172) }
```

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

```
.background{ background-color: rgb(91, 135,  
172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor