

Converting Colors

YUV(121.3580, -23.3475,
-24.8700)

Have a look what the booklet for
YUV(121.3580, -23.3475, -24.8700)
contains.

YUV(121.3580, -23.3475, -24.8700)	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(121.3580, -23.3475,
-24.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	5D914A
RGB	93, 145, 74
RGB Percent	36%, 57%, 29%
CMY	0.6353, 0.4314, 0.7098
CMYK	0.36, 0.00, 0.49, 0.43
HSL	104°, 32%, 43%
HSV	104°, 49%, 57%
XYZ	15.8756, 23.0724, 10.0952
YIQ	121.3580, -8.2010, -33.1050

Conversions

Conversions Part 2

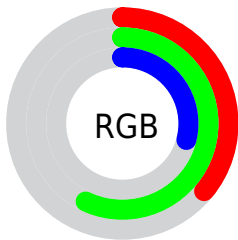
Format	Color
RYB	74, 145, 126
Decimal	6132042
CIELab	55.15, -31.31, 32.15
CIELCh	55, 44.872, 134.243
Yxy	23.0724, 0.3237, 0.4704
Android (android.graphics.Color)	4284322122 (0xFF5D914A)
YUV	121.3580, -23.3475, -24.8700
Hunter-Lab	48.0337, -25.0629, 21.1626

Details

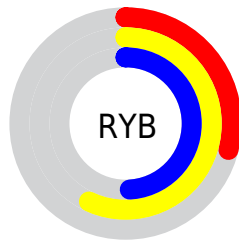
The YUV color **121.3580, -23.3475, -24.8700** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **97.6420, 23.3475, 24.8700**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.6030, -24.9473, -25.0848**, and **70.8140, -21.6003, -25.2699** is the 20% darker color. If you saturate the color by 10%, you get **116.4730, -27.8412, -30.2328**, and if you desaturate by 10%, it is **126.3570, -18.4170, -19.6071**.

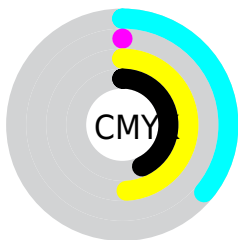
Distribution



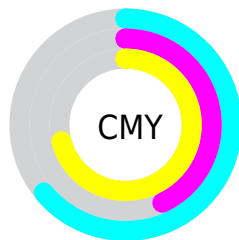
- Red (36%)
- Green (57%)
- Blue (29%)



- Red (29%)
- Yellow (57%)
- Blue (49%)



- Cyan (36%)
- Magenta (0%)
- Yellow (49%)
- Black (43%)



- Cyan (64%)
- Magenta (43%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.3580, -23.3475, -24.8700 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 121.3580, -23.3475, -24.8700 by changing the saturation by 10% instead.

■ 121.3580,
-23.3475, -24.8700

■ 121.3580,
-23.3475, -24.8700

■ 255.0000, 0.0000,
0.0000

■ 95.5860, -22.4739,
-25.0699

■ 174.6030,
-24.9473, -25.0848

■ 70.8140, -21.6003,
-25.2699

■ 202.0760,
-25.6735, -25.4997

■ 45.5040, -21.4475,
-27.6290

■ 229.9620,
-26.1103, -25.3997

■ 27.5890, -13.6014,
-24.1956

■ 241.8250,
-18.1547, -10.3705

■ 15.8490, -7.8136,
-13.8996

■ 252.6060, -9.1728,
2.0995

■ 0.0000, 0.0000,
0.0000

■ 121.3580,
-23.3475, -24.8700

■ 121.3580,
-23.3475, -24.8700

■ 116.4730,
-27.8412, -30.2328

■ 126.3570,
-18.4170, -19.6071

■ 111.7730,
-32.9191, -34.8809

■ 130.9430,
-13.7759, -14.8590

■ 106.8880,
-37.4128, -40.2438

■ 135.9420, -8.8454,
-9.5961

■ 102.1880,
-42.4907, -44.8919

■ 140.5280, -4.2043,
-4.8481

■ 97.3030, -46.9844,
-50.2547

■ 145.5270, 0.7262,
0.4148

■ 96.7760, -47.7106,
-50.6696

■ 150.4120, 5.2199,
5.7777

■ 155.1120, 10.2978,
10.4258

■ 159.9970, 14.7915,

15.7886

■ 164.9960, 19.7220,
21.0515

Harmonies

Analogous

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



126.8370, -36.4016, 8.9130



121.3580, -23.3475, -24.8700



104.7760, 2.5754, -79.6106

Triad

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



121.3580, -23.3475, -24.8700



106.8380, 48.8869, -93.6969



132.5180, -8.6364, 63.5667

Complementary

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



121.3580, -23.3475, -24.8700



97.6420, 23.3475, 24.8700

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.



134.5500, 9.5888, 51.2606



121.3580, -23.3475, -24.8700



129.5090, 38.2031, -26.7564

Square

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



121.3580, -23.3475, -24.8700



108.5530, 37.6884, -95.2010



135.8910, 25.6897, 20.2666



131.0060, -25.6390, 56.9997

Rectangle

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



121.3580, -23.3475, -24.8700



104.2550, 16.1433, -91.4316



135.8910, 25.6897, 20.2666



132.8150, -2.3738, 61.5522

Sweetspot

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



121.3580, -23.3475, -24.8700



179.4150, -9.5716, -10.0110



125.1660, -25.2248, 17.3944



88.4740, -5.6567, -5.6777



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



121.3580, -23.3475, -24.8700



151.7140, -36.8340, -39.2142



117.3870, -13.9948, -38.0504



68.7070, -2.3206, -2.3740



90.0090, -44.3744, -47.3659



5.2940, -2.6099, -2.8888

Inverse Universe

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



97.6420, 23.3475, 24.8700



114.2860, 36.8340, 39.2142



101.6130, 13.9948, 38.0504



66.2930, 2.3206, 2.3740



44.9910, 44.3744, 47.3659



2.7060, 2.6099, 2.8888

Previews

White Background



This preview shows how the YUV color 121.3580, -23.3475, -24.8700 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 121.3580, -23.3475, -24.8700 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 121.3580, -23.3475, -24.8700 Background



This preview shows how black text looks on a background with the YUV color 121.3580, -23.3475, -24.8700.



This preview shows how white text looks on a background with the YUV color 121.3580, -23.3475, -24.8700.

-24.8700.

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

121.3580, -23.3475, -24.8700

Protanopia

128.7050, -29.4346, 14.2907

Deuteranopia

129.9220, -25.1045, 25.5014



Tritanopia

128.9850, 9.3744, -20.1578

Trichromacy



Original Color

121.3580, -23.3475, -24.8700

Protanomaly

126.1870, -27.2072, -0.1640

Deuteranomaly

126.6270, -24.4661, 7.3431

Tritanomaly

126.1730, -2.5503, -22.0767

Monochromacy



Original Color

121.3580, -23.3475, -24.8700

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.3550, -8.5560, -9.0813

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.3580, -23.3475, -24.8700 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(93, 145, 74)` looks like.

```
.text, #text, p{  
    color:rgb(93, 145, 74)  
}
```

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(93, 145, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 145, 74) }
```

Border

The CSS property to change the border of an element to YUV 121.3580, -23.3475, -24.8700 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(93, 145, 74) }
```


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

```
.border{ border-color:rgb(93, 145, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 145, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 145, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 145, 74);  
box-shadow:4px 4px 4px 4px rgb(93, 145,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 121.3580, -23.3475, -24.8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 145, 74) }
```

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

```
.background{ background-color: rgb(93, 145,  
74) }
```

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