

Converting Colors

YUV(57.0530, 23.1449, -3.5545)

Have a look what the booklet for
YUV(57.0530, 23.1449, -3.5545)
contains.

YUV(57.0530, 23.1449, -3.5545)	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(57.0530, 23.1449,
-3.5545)**

Conversions

Conversions Part 1

Format	Color
Hex	353268
RGB	53, 50, 104
RGB Percent	21%, 20%, 41%
CMY	0.7922, 0.8039, 0.5922
CMYK	0.49, 0.52, 0.00, 0.59
HSL	243°, 35%, 30%
HSV	243°, 52%, 41%
XYZ	5.1075, 4.0376, 13.6068
YIQ	57.0530, -15.5460, 17.4300

Conversions

Conversions Part 2

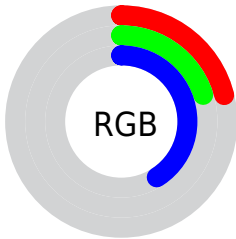
Format	Color
RYB	53, 50, 104
Decimal	3486312
CIELab	23.80, 17.15, -31.38
CIELCh	24, 35.759, 298.657
Yxy	4.0376, 0.2245, 0.1775
Android (android.graphics.Color)	4281676392 (0xFF353268)
YUV	57.0530, 23.1449, -3.5545
Hunter-Lab	20.0937, 10.2078, -26.0838

Details

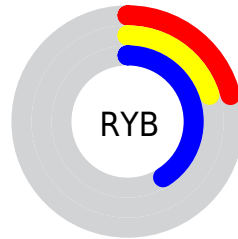
The YUV color **57.0530, 23.1449, -3.5545** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **96.9470, -23.1449, 3.5545**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.9330, 25.1760, -1.6952**, and **10.2160, 22.5715, -6.3284** is the 20% darker color. If you saturate the color by 10%, you get **48.1930, 27.5129, -4.5543**, and if you desaturate by 10%, it is **65.9130, 18.7769, -2.5547**.

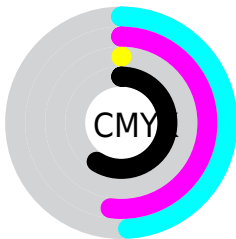
Distribution



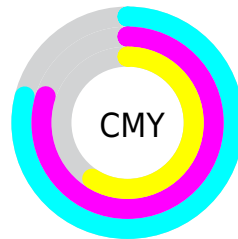
- Red (21%)
- Green (20%)
- Blue (41%)



- Red (21%)
- Yellow (20%)
- Blue (41%)



- Cyan (49%)
- Magenta (52%)
- Yellow (0%)
- Black (59%)



- Cyan (79%)
- Magenta (80%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.0530, 23.1449, -3.5545 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 57.0530, 23.1449, -3.5545 by changing the saturation by 10% instead.

■ 57.0530, 23.1449,
-3.5545

■ 57.0530, 23.1449,
-3.5545

■ 255.0000, 0.0000,
0.0000

■ 34.5150, 22.4241,
-5.7137

■ 104.9330, 25.1760,
-1.6952

■ 10.2160, 22.5715,
-6.3284

■ 130.4600, 25.9022,
-1.2804

■ 5.0500, 14.2723,
-4.4289

■ 156.8730, 26.1916,
-0.7656

■ 0.9120, 3.4944,
-0.7998

■ 183.5140, 27.3546,
-0.4508

■ 0.0000, 0.0000,
0.0000

■ 210.4450, 21.9656,
1.3637

■ 235.2530, 9.7353,

4.1631

■ 57.0530, 23.1449,
-3.5545

■ 57.0530, 23.1449,
-3.5545

■ 48.1930, 27.5129,
-4.5543

■ 65.9130, 18.7769,
-2.5547

■ 38.7460, 32.1702,
-5.0392

■ 75.3600, 14.1195,
-2.0697

■ 30.1850, 36.3908,
-5.4242

■ 83.9210, 9.8989,
-1.6847

■ 20.7380, 41.0482,
-5.9092

■ 93.3680, 5.2416,
-1.1997

■ 13.6500, 44.5425,
-6.7091

■ 102.2280, 0.8736,
-0.2000

■ 111.0880, -3.4944,
0.7998

■ 120.5350, -8.1518,
1.2848

■ 129.3950,
-12.5197, 2.2846

■ 138.5430,
-17.0297, 2.1548

Harmonies

Analogous

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



47.7600, 30.6843, -41.8855



57.0530, 23.1449, -3.5545



57.4220, 13.5960, 25.9399

Triad

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



57.0530, 23.1449, -3.5545



53.9490, -22.6529, 32.4937



46.7730, 4.0559, -41.0199

Complementary

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



57.0530, 23.1449, -3.5545



96.9470, -23.1449, 3.5545

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.



42.4070, -7.5957, -37.1909



57.0530, 23.1449, -3.5545



53.5140, -26.3824, 15.3352

Square

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



57.0530, 23.1449, -3.5545



53.9300, -10.3185, 43.0344



49.6640, -23.9914, -4.9673



49.8510, 15.8495, -43.7193

Rectangle

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



57.0530, 23.1449, -3.5545



54.9630, 6.4272, 38.6204



49.6640, -23.9914, -4.9673



45.0460, -0.0227, -39.5053

Sweetspot

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



57.0530, 23.1449, -3.5545



116.6930, 9.0254, -1.4848



86.0930, 8.8282, -31.6536



57.4820, 5.6784, -1.2997



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



57.0530, 23.1449, -3.5545



62.0710, 35.9540, -5.3243



65.1260, 19.1649, 13.0445



46.5700, 2.1840, -0.4999



14.9040, 49.3473, -7.8088



31.4750, 103.7888, -16.2026

Inverse Universe

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



71.9600, 14.3167, 28.0991



85.1220, 22.1249, 43.7430



88.8740, -19.1649, -13.0445



48.0650, 1.4470, 2.5740



46.6970, 30.2224, 59.9017



98.4640, 64.3542, 125.8811

Previews

White Background



This preview shows how the YUV color 57.0530, 23.1449, -3.5545 looks on a white 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 ✓ Pass

Black Background



This preview shows how the YUV color 57.0530, 23.1449, -3.5545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

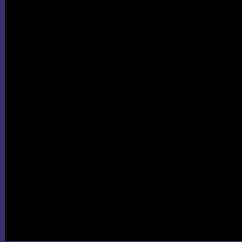
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.0530, 23.1449, -3.5545

Background



This preview shows how black text looks on a background with the YUV color 57.0530, 23.1449, -3.5545.



This preview shows how white text looks on a background with the YUV color 57.0530, 23.1449,

-3.5545.

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

57.0530, 23.1449, -3.5545

Protanopia

52.1860, 28.0093, -23.8421

Deuteranopia

47.7670, 26.7369, -35.7527



Tritanopia

54.8890, 4.9847, -12.1807

Trichromacy



Original Color

57.0530, 23.1449, -3.5545

Protanomaly

53.7740, 26.2404, -16.4648

Deuteranomaly

51.2030, 25.5359, -23.8570

Tritanomaly

55.3330, 11.6678, -9.0620

Monochromacy



Original Color

57.0530, 23.1449, -3.5545

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.8780, 8.4411, -0.7700

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.0530, 23.1449, -3.5545 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(53, 50, 104)` looks like.

```
.text, #text, p{  
    color:rgb(53, 50, 104)  
}
```

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(53, 50, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 50, 104) }
```

Border

The CSS property to change the border of an element to YUV 57.0530, 23.1449, -3.5545 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(53, 50, 104) }
```


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

```
.border{ border-color:rgb(53, 50, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 50, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 50, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 50, 104);  
box-shadow:4px 4px 4px 4px rgb(53, 50,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 57.0530, 23.1449, -3.5545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 50, 104) }
```

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

```
.background{ background-color: rgb(53, 50,  
104) }
```

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