

Converting Colors

YUV(89.7780, -23.5546, -5.0673)

Have a look what the booklet for
YUV(89.7780, -23.5546, -5.0673)
contains.

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Color

**YUV(89.7780, -23.5546,
-5.0673)**

Conversions

Conversions Part 1

Format	Color
Hex	54662A
RGB	84, 102, 42
RGB Percent	33%, 40%, 16%
CMY	0.6706, 0.6000, 0.8353
CMYK	0.18, 0.00, 0.59, 0.60
HSL	78°, 42%, 28%
HSV	78°, 59%, 40%
XYZ	8.8254, 11.5547, 3.9556
YIQ	89.7780, 8.5320, -22.4760

Conversions

Conversions Part 2

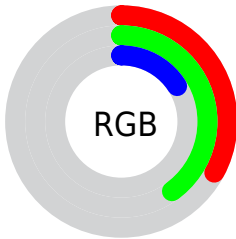
Format	Color
RYB	42, 102, 60
Decimal	5531178
CIELab	40.50, -17.12, 31.17
CIELCh	40, 35.565, 118.773
Yxy	11.5547, 0.3627, 0.4748
Android (android.graphics.Color)	4283721258 (0xFF54662A)
YUV	89.7780, -23.5546, -5.0673
Hunter-Lab	33.9922, -13.1423, 16.8951

Details

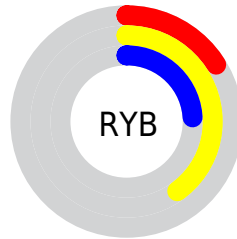
The YUV color **89.7780, -23.5546, -5.0673** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **54.2220, 23.5546, 5.0673**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.4360, -24.8649, -4.7674**, and **43.3480, -21.3706, -5.5672** is the 20% darker color. If you saturate the color by 10%, you get **87.7410, -27.4803, -5.9119**, and if you desaturate by 10%, it is **91.8150, -19.6288, -4.2228**.

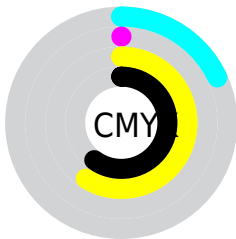
Distribution



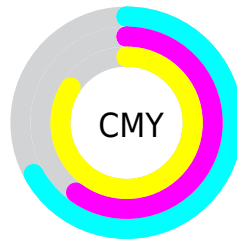
- Red (33%)
- Green (40%)
- Blue (16%)



- Red (16%)
- Yellow (40%)
- Blue (24%)



- Cyan (18%)
- Magenta (0%)
- Yellow (59%)
- Black (60%)



- Cyan (67%)
- Magenta (60%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.7780, -23.5546, -5.0673 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 89.7780, -23.5546, -5.0673 by changing the saturation by 10% instead.

■ 89.7780, -23.5546,
-5.0673

■ 89.7780, -23.5546,
-5.0673

255.0000, 0.0000,
0.0000

■ 65.8920, -23.1178,
-5.1673

■ 140.4360,
-24.8649, -4.7674

■ 43.3480, -21.3706,
-5.5672

■ 167.2080,
-25.7385, -4.5674

■ 23.8450, -11.7556,
-9.5111

■ 194.0940,
-26.1753, -4.4674

■ 1.7610, -0.8682,
-1.5444

■ 222.4530,
-27.3383, -4.7823

■ 0.0000, 0.0000,
0.0000

■ 245.4690,
-24.8812, 0.4657

■ 251.3520,

-13.9775, 3.1993

254.6580, -1.3104,
0.2999

■ 89.7780, -23.5546,
-5.0673

■ 89.7780, -23.5546,
-5.0673

■ 87.7410, -27.4803,
-5.9119

■ 91.8150, -19.6288,
-4.2228

■ 85.7040, -31.4061,
-6.7564

■ 93.8520, -15.7030,
-3.3782

■ 83.5530, -35.7686,
-7.5010

■ 96.0030, -11.3405,
-2.6336

■ 81.5160, -39.6944,
-8.3455

■ 98.0400, -7.4147,
-1.7891

■ 81.1030, -39.9838,
-8.8603

■ 100.0770, -3.4890,
-0.9445

■ 102.1140, 0.4368,
-0.1000

■ 104.1510, 4.3626,
0.7446

■ 106.3020, 8.7251,
1.4891

■ 108.6380, 12.5035,
2.9485

Harmonies

Analogous

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



92.3680, -28.2824, 18.0943



89.7780, -23.5546, -5.0673



83.8590, -9.7905, -33.2023

Triad

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



89.7780, -23.5546, -5.0673



78.7520, 32.6603, -69.0655



96.2150, 0.8800, 44.5384

Complementary

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



89.7780, -23.5546, -5.0673



54.2220, 23.5546, 5.0673

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.



98.4330, 13.5905, 27.6843



89.7780, -23.5546, -5.0673



85.4220, 33.3160, -45.9741

Square

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



89.7780, -23.5546, -5.0673



78.5920, 21.8931, -68.9252



96.8190, 24.7392, -1.5953



94.9690, -12.8027, 46.5082

Rectangle

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



89.7780, -23.5546, -5.0673



73.4450, 4.7106, -64.4113



96.8190, 24.7392, -1.5953



97.6320, 5.1114, 40.6647

Sweetspot

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



89.7780, -23.5546, -5.0673



127.8720, -9.3039, -2.5187



70.5060, -14.0535, 27.6202



63.2080, -5.5255, -1.0594



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



89.7780, -23.5546, -5.0673



113.4990, -37.2210, -8.3306



80.8080, -19.1323, -23.5106



49.8320, -1.8892, -0.7297



91.4250, -45.0725, -10.0197



192.8840, -95.0918, -20.0693

Inverse Universe

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



54.2220, 23.5546, 5.0673



57.5010, 37.2210, 8.3306



63.1920, 19.1323, 23.5106



46.8690, 2.0366, 0.1149



23.2760, 45.2199, 9.4049



49.4150, 94.9444, 20.6840

Previews

White Background



This preview shows how the YUV color 89.7780, -23.5546, -5.0673 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 × Fail

Black Background



This preview shows how the YUV color 89.7780, -23.5546, -5.0673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

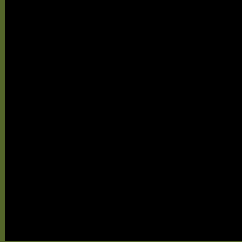
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.7780, -23.5546, -5.0673

Background



This preview shows how black text looks on a background with the YUV color 89.7780, -23.5546, -5.0673.



This preview shows how white text looks on a background with the YUV color 89.7780, -23.5546, -5.0673.

-5.0673.

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

89.7780, -23.5546, -5.0673

Protanopia

92.0190, -25.6454, 12.2613

Deuteranopia

93.8290, -24.0727, 21.1980



Tritanopia

95.3030, 3.7946, -3.7737

Trichromacy



Original Color

89.7780, -23.5546, -5.0673

Protanomaly

91.5020, -24.8975, 5.6987

Deuteranomaly

92.4750, -23.8982, 11.8614

Tritanomaly

93.0720, -5.9515, -4.4481

Monochromacy



Original Color

89.7780, -23.5546, -5.0673

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8120, -8.2883, -1.5891

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7780, -23.5546, -5.0673 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(84, 102, 42)` looks like.

```
.text, #text, p{  
    color:rgb(84, 102, 42)  
}
```

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(84, 102, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 102, 42) }
```

Border

The CSS property to change the border of an element to YUV 89.7780, -23.5546, -5.0673 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(84, 102, 42) }
```


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

```
.border{ border-color:rgb(84, 102, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 102, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 102, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 102, 42);  
box-shadow:4px 4px 4px 4px rgb(84, 102,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 89.7780, -23.5546, -5.0673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 102, 42) }
```

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

```
.background{ background-color: rgb(84, 102,  
42) }
```

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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