

Converting Colors

YUV(87.5550, 45.0824,
-39.9517)

Have a look what the booklet for
YUV(87.5550, 45.0824, -39.9517)
contains.

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Color

**YUV(87.5550, 45.0824,
-39.9517)**

Conversions

Conversions Part 1

Format	Color
Hex	2A5DB3
RGB	42, 93, 179
RGB Percent	16%, 36%, 70%
CMY	0.8353, 0.6353, 0.2980
CMYK	0.77, 0.48, 0.00, 0.30
HSL	218°, 62%, 43%
HSV	218°, 77%, 70%
XYZ	13.0059, 11.5756, 44.1967
YIQ	87.5550, -58.0020, 15.9340

Conversions

Conversions Part 2

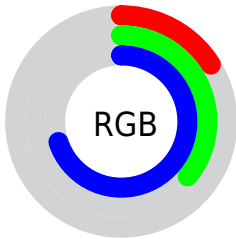
Format	Color
R _Y B	42, 79, 179
Decimal	2776499
CIE Lab	40.53, 13.98, -50.61
CIE LCh	41, 52.506, 285.436
Yxy	11.5756, 0.1891, 0.1683
Android (android.graphics.Color)	4280966579 (0xFF2A5DB3)
YUV	87.5550, 45.0824, -39.9517
Hunter-Lab	34.0230, 8.6946, -53.2031

Details

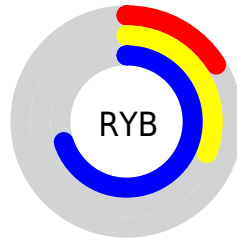
The YUV color **87.5550, 45.0824, -39.9517** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **133.4450, -45.0824, 39.9517**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.7240, 45.4921, -31.3299**, and **42.4260, 40.7090, -37.2076** is the 20% darker color. If you saturate the color by 10%, you get **75.7160, 50.9190, -45.3549**, and if you desaturate by 10%, it is **99.3940, 39.2458, -34.5485**.

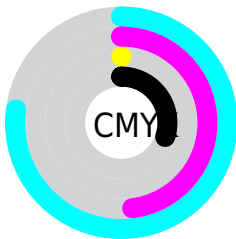
Distribution



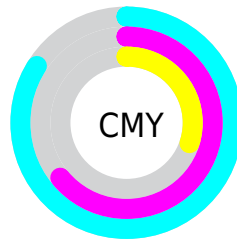
- Red (16%)
- Green (36%)
- Blue (70%)



- Red (16%)
- Yellow (31%)
- Blue (70%)



- Cyan (77%)
- Magenta (48%)
- Yellow (0%)
- Black (30%)



- Cyan (84%)
- Magenta (64%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.5550, 45.0824, -39.9517 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 87.5550, 45.0824, -39.9517 by changing the saturation by 10% instead.

■ 87.5550, 45.0824,
-39.9517

■ 87.5550, 45.0824,
-39.9517

■ 255.0000, 0.0000,
0.0000

■ 58.4180, 46.1359,
-51.2326

■ 142.7240, 45.4921,
-31.3299

■ 42.4260, 40.7090,
-37.2076

■ 169.2360, 42.2817,
-28.2710

■ 27.8360, 35.5769,
-24.4122

■ 193.7560, 30.1933,
-24.3420

■ 8.6640, 33.1966,
-7.5983

■ 218.8630, 17.8155,
-20.9279

■ 8.2760, 21.5559,
-7.2581

■ 244.8560, 5.0010,
-17.4137

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,

0.0000

■ 87.5550, 45.0824,
-39.9517

■ 87.5550, 45.0824,
-39.9517

■ 75.7160, 50.9190,
-45.3549

■ 99.3940, 39.2458,
-34.5485

■ 63.8770, 56.7556,
-50.7581

■ 111.2330, 33.4091,
-29.1453

■ 59.7350, 58.7976,
-52.3876

■ 123.6590, 27.2831,
-24.2569

■ 135.4980, 21.4465,
-18.8537

■ 147.3370, 15.6099,
-13.4505

■ 158.8770, 9.9206,
-8.6621

■ 171.3030, 3.7946,
-3.7737

■ 183.1420, -2.0420,
1.6295

■ 194.9810, -7.8786,
7.0327

Harmonies

Analogous

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



82.6280, 47.5114, -72.4648



87.5550, 45.0824, -39.9517



98.0100, 28.5891, 23.6702

Triad

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



87.5550, 45.0824, -39.9517



91.1590, -27.6864, 60.3736



75.1260, -1.5411, -65.8855

Complementary

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



87.5550, 45.0824, -39.9517



133.4450, -45.0824, 39.9517

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.



79.8470, -25.0676, -33.1918



87.5550, 45.0824, -39.9517



90.2490, -44.4928, 37.4926

Square

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



87.5550, 45.0824, -39.9517



89.9150, -7.3531, 71.9885



87.1050, -42.9428, 6.9239



80.8430, 17.8254, -70.8993

Rectangle

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



87.5550, 45.0824, -39.9517



95.4280, 18.0300, 50.4906



87.1050, -42.9428, 6.9239



72.9430, -7.3669, -63.9710

Sweetspot

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



87.5550, 45.0824, -39.9517



196.7820, 17.3625, -15.5948



131.9950, -2.9555, -78.9256



95.3930, 10.6523, -9.9917



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



87.5550, 45.0824, -39.9517



89.6550, 70.1761, -61.9644



62.4020, 57.4828, -3.8606



83.3740, 2.7736, -2.9590



50.9010, 50.3348, -44.6402



8.2470, 8.7522, -7.2326

Inverse Universe

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



88.7770, 2.0819, 79.1256



91.6930, 3.1094, 123.0492



158.5980, -57.4828, 3.8606



83.1470, 0.4205, 5.1331



52.2450, 2.3442, 88.3621



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 87.5550, 45.0824, -39.9517 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 87.5550, 45.0824, -39.9517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

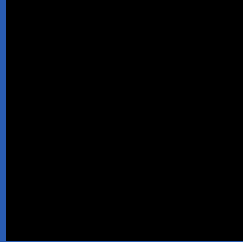
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.5550, 45.0824, -39.9517

Background



This preview shows how black text looks on a background with the YUV color 87.5550, 45.0824, -39.9517.



This preview shows how white text looks on a background with the YUV color 87.5550, 45.0824,

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

87.5550, 45.0824, -39.9517

Protanopia

88.9470, 43.9031, -35.0335

Deuteranopia

76.4330, 46.6215, -67.0317



Tritanopia

75.1040, 18.6827, -65.8662

Trichromacy



Original Color

87.5550, 45.0824, -39.9517

Protanomaly

88.0500, 44.3454, -36.8778

Deuteranomaly

80.6730, 46.0102, -57.5952

Tritanomaly

79.3900, 28.4017, -56.4700

Monochromacy



Original Color

87.5550, 45.0824, -39.9517

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.8530, 16.3415, -14.7801

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.5550, 45.0824, -39.9517 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(42, 93, 179)` looks like.

```
.text, #text, p{  
    color:rgb(42, 93, 179)  
}
```

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(42, 93, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 93, 179) }
```

Border

The CSS property to change the border of an element to YUV 87.5550, 45.0824, -39.9517 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(42, 93, 179) }
```


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

```
.border{ border-color:rgb(42, 93, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 93, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 93, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 93, 179);  
box-shadow:4px 4px 4px 4px rgb(42, 93,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 87.5550, 45.0824, -39.9517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 93, 179) }
```

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

```
.background{ background-color: rgb(42, 93,  
179) }
```

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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