

Converting Colors

YUV(41.1550, 89.1566, 10.3881)

Have a look what the booklet for
YUV(41.1550, 89.1566, 10.3881)
contains.

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Color

**YUV(41.1550, 89.1566,
10.3881)**

Conversions

Conversions Part 1

Format	Color
Hex	3500DE
RGB	53, 0, 222
RGB Percent	21%, 0%, 87%
CMY	0.7922, 1.0000, 0.1294
CMYK	0.76, 1.00, 0.00, 0.13
HSL	254°, 100%, 44%
HSV	254°, 100%, 87%
XYZ	14.6530, 6.0308, 69.4990
YIQ	41.1550, -39.6740, 80.2780

Conversions

Conversions Part 2

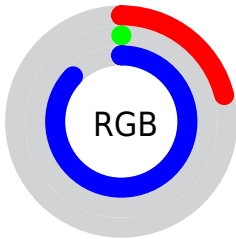
Format	Color
RYB	53, 0, 222
Decimal	3473630
CIELab	29.49, 72.02, -93.77
CIELCh	29, 118.238, 307.527
Yxy	6.0308, 0.1625, 0.0669
Android (android.graphics.Color)	4281663710 (0xFF3500DE)
YUV	41.1550, 89.1566, 10.3881
Hunter-Lab	24.5577, 63.5308, -150.6020

Details

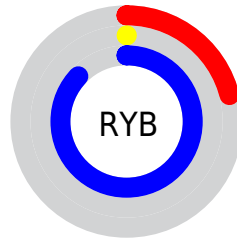
The YUV color **41.1550, 89.1566, 10.3881** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **180.8450, -89.1566, -10.3881**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.1440, 72.4000, 18.2907**, and **18.8100, 72.0717, -16.4964** is the 20% darker color. If you saturate the color by 10%, you get **41.1550, 89.1566, 10.3881**, and if you desaturate by 10%, it is **59.1520, 80.2841, 9.5137**.

Distribution



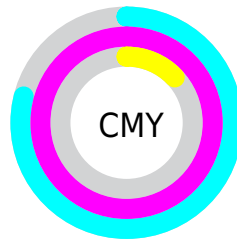
- Red (21%)
- Green (0%)
- Blue (87%)



- Red (21%)
- Yellow (0%)
- Blue (87%)



- Cyan (76%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)



- Cyan (79%)
- Magenta (100%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.1550, 89.1566, 10.3881 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 41.1550, 89.1566, 10.3881 by changing the saturation by 10% instead.

■ 41.1550, 89.1566,
10.3881

■ 41.1550, 89.1566,
10.3881

■ 255.0000, 0.0000,
0.0000

■ 22.0020, 84.3020,
-19.2958

■ 108.1440, 72.4000,
18.2907

■ 18.8100, 72.0717,
-16.4964

■ 133.8600, 59.7220,
24.6788

■ 15.7320, 60.2781,
-13.7970

■ 159.8640, 46.9020,
29.9373

■ 12.6540, 48.4846,
-11.0976

■ 185.2810, 34.3715,
35.7106

■ 16.7340, 33.6551,
-14.6757

■ 210.3880, 21.9937,
39.1247


■ 10.4760, 24.9083,
-9.1875


■ 227.4110, 13.6014,


■ 6.0930, 15.7302,


24.1956


-5.3436


 244.4340, 5.2090,
9.2664


 2.2970, 6.2626,
-2.0145

 0.0000, 0.0000,
0.0000

 41.1550, 89.1566,
10.3881

 59.1520, 80.2841,
9.5137

 77.1490, 71.4115,
8.6393

 95.7330, 62.2496,
7.2502

 113.7300, 53.3771,
6.3758

■ 131.7270, 44.5046,
5.5014

■ 149.4250, 35.7795,
4.0123

■ 167.4220, 26.9070,
3.1379

■ 186.0060, 17.7450,
1.7487

■ 204.0030, 8.8725,
0.8744

Harmonies

Analogous

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



77.7910, 87.3640, -68.2227



41.1550, 89.1566, 10.3881



71.2040, 34.9024, 98.9221

Triad

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



41.1550, 89.1566, 10.3881



55.9370, -27.5769, 71.9693



66.2530, 12.6933, -58.1039

Complementary

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



41.1550, 89.1566, 10.3881



180.8450, -89.1566, -10.3881

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.



54.5910, -26.9134, -47.8763



41.1550, 89.1566, 10.3881



63.4600, -31.2858, 1.3506

Square

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



41.1550, 89.1566, 10.3881



56.5110, -27.8599, 116.1929



52.2430, -25.7558, -45.8171



79.0890, 51.7211, -69.3611

Rectangle

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



41.1550, 89.1566, 10.3881



71.5400, 5.1568, 119.6754



52.2430, -25.7558, -45.8171



62.6050, -1.2843, -54.9046

Sweetspot

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



41.1550, 89.1566, 10.3881



193.0460, 30.5433, 3.4677



125.0980, 47.7727, -109.7109



90.5330, 18.4712, 2.1636



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



41.1550, 89.1566, 10.3881



47.3090, 102.3917, 12.0070



74.0450, 72.9418, 78.0135



103.1510, 4.3626, 0.7446



32.6220, 70.6854, 8.2245



9.0600, 19.1974, 2.5784

Inverse Universe

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



85.6440, 41.0945, 119.5842



98.3610, 47.1500, 137.3724



147.9550, -72.9418, -78.0135



105.3150, 2.3097, 5.8627



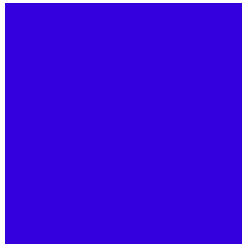
67.9000, 32.5873, 94.8037



18.5700, 9.0860, 25.8101

Previews

White Background



This preview shows how the YUV color 41.1550, 89.1566, 10.3881 looks on a white background.

Color Contrast Check

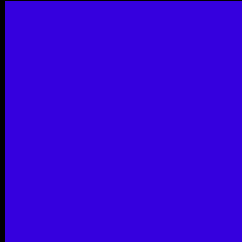
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.1550, 89.1566, 10.3881 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 41.1550, 89.1566, 10.3881

Background



This preview shows how black text looks on a background with the YUV color 41.1550, 89.1566, 10.3881.



This preview shows how white text looks on a background with the YUV color 41.1550, 89.1566,

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



Protanopia

56.9190, 42.9309, -49.9180

Deuteranopia

56.7590, 32.1638, -49.7776

Tritanopia

55.8350, 13.3923, -48.9673

Trichromacy



Protanomaly

51.1170, 59.5953, -28.1666

Deuteranomaly

50.6950, 52.9014, -27.7965

Tritanomaly

50.3070, 41.2606, -27.4562

Monochromacy



Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.9150, 32.5799, 3.5825

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.1550, 89.1566, 10.3881 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, 0, 222)` looks like.

```
.text, #text, p{  
    color:rgb(53, 0, 222)  
}
```

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, 0, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 0, 222) }
```

Border

The CSS property to change the border of an element to YUV 41.1550, 89.1566, 10.3881 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, 0, 222) }
```

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

```
.border{ border-color:rgb(53, 0, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 0, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 0, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 0, 222);  
box-shadow:4px 4px 4px 4px rgb(53, 0, 222)  
}
```


Background

The CSS property to change the background color of an element to YUV 41.1550, 89.1566, 10.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 0, 222) }
```

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

```
.background{ background-color: rgb(53, 0,  
222) }
```

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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