

Converting Colors

YUV(101.6550, 53.4141,
-52.3174)

Have a look what the booklet for
YUV(101.6550, 53.4141, -52.3174)
contains.

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Color

**YUV(101.6550, 53.4141,
-52.3174)**

Conversions

Conversions Part 1

Format	Color
Hex	2A6FD2
RGB	42, 111, 210
RGB Percent	16%, 44%, 82%
CMY	0.8353, 0.5647, 0.1765
CMYK	0.80, 0.47, 0.00, 0.18
HSL	215°, 67%, 49%
HSV	215°, 80%, 82%
XYZ	18.2721, 16.5143, 63.1973
YIQ	101.6550, -72.9030, 16.1610

Conversions

Conversions Part 2

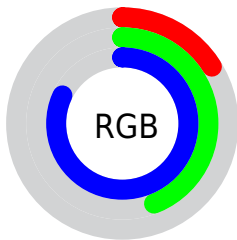
Format	Color
R _Y B	42, 91, 210
Decimal	2781138
CIE Lab	47.64, 14.25, -57.10
CIE LCh	48, 58.855, 284.014
Yxy	16.5143, 0.1865, 0.1685
Android (android.graphics.Color)	4280971218 (0xFF2A6FD2)
YUV	101.6550, 53.4141, -52.3174
Hunter-Lab	40.6377, 9.1438, -63.7577

Details

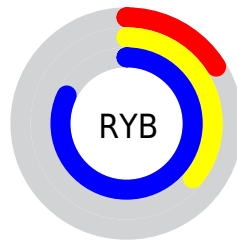
The YUV color **101.6550, 53.4141, -52.3174** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **150.3450, -53.4141, 52.3174**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2500, 47.6977, -38.8073**, and **55.2380, 49.1827, -48.4437** is the 20% darker color. If you saturate the color by 10%, you get **88.3320, 59.9823, -59.0502**, and if you desaturate by 10%, it is **114.9780, 46.8458, -45.5847**.

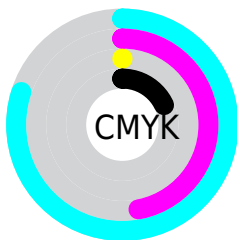
Distribution



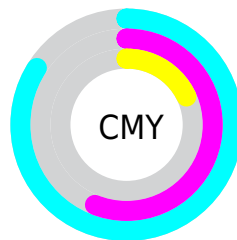
- Red (16%)
- Green (44%)
- Blue (82%)



- Red (16%)
- Yellow (36%)
- Blue (82%)



- Cyan (80%)
- Magenta (47%)
- Yellow (0%)
- Black (18%)



- Cyan (84%)
- Magenta (56%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.6550, 53.4141, -52.3174 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 101.6550, 53.4141, -52.3174 by changing the saturation by 10% instead.

■ 101.6550, 53.4141,
-52.3174

■ 101.6550, 53.4141,
-52.3174

■ 255.0000, 0.0000,
0.0000

■ 71.8170, 54.3202,
-62.9835

■ 158.2500, 47.6977,
-38.8073

■ 55.2380, 49.1827,
-48.4437

■ 183.0690, 35.4620,
-34.2635

■ 39.8330, 43.4663,
-34.9335

■ 208.1870, 23.0788,
-29.1050

■ 26.3030, 37.3186,
-23.0677

■ 234.1800, 10.2643,
-25.5909

■ 13.0010, 32.0445,
-11.4019

■ 249.3190, 2.8007,
-11.6808

■ 9.0910, 22.1401,
-7.9728

■ 4.8220, 13.3988,

-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 101.6550, 53.4141,
-52.3174

■ 101.6550, 53.4141,
-52.3174

■ 88.3320, 59.9823,
-59.0502

■ 114.9780, 46.8458,
-45.5847

■ 74.4220, 66.8400,
-65.2681

■ 128.8880, 39.9882,
-39.3668

■ 142.2110, 33.4200,
-32.6340

■ 155.5340, 26.8517,
-25.9013

■ 169.4440, 19.9941,
-19.6834

■ 182.7670, 13.4259,
-12.9507

■ 196.6770, 6.5682,
-6.7327

■ 210.0000, 0.0000,
0.0000

■ 223.3230, -6.5682,
6.7327

Harmonies

Analogous

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



97.7880, 54.8275, -85.7601



101.6550, 53.4141, -52.3174



116.3890, 33.8252, 24.2148

Triad

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



101.6550, 53.4141, -52.3174



108.0140, -31.0659, 71.0247



88.2340, -2.0874, -77.3812

Complementary

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



101.6550, 53.4141, -52.3174



150.3450, -53.4141, 52.3174

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.



96.0440, -30.5877, -35.9956



101.6550, 53.4141, -52.3174



106.5290, -52.5188, 45.1401

Square

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



101.6550, 53.4141, -52.3174



106.3940, -7.0962, 82.9695



103.3520, -50.9525, 9.3383



95.3360, 20.0474, -83.6097

Rectangle

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



101.6550, 53.4141, -52.3174



113.0850, 21.6501, 56.0535



103.3520, -50.9525, 9.3383



85.7090, -9.2235, -75.1668

Sweetspot

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



101.6550, 53.4141, -52.3174



215.6290, 19.4099, -18.9686



151.7880, -5.8115, -96.2841



104.0230, 11.8207, -11.4212



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.



101.6550, 53.4141, -52.3174



97.2170, 77.7870, -76.4893



65.3380, 71.3184, -8.1894



97.6020, 3.6472, -3.1590



59.6550, 53.4141, -52.3174



14.6530, 12.9891, -12.8507

Inverse Universe

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



100.0980, 5.3747, 96.3841



94.7690, 8.0019, 140.5226



186.6620, -71.3184, 8.1894



97.7450, 0.1257, 6.3626



58.0980, 5.3747, 96.3841



14.1970, 1.3819, 23.5062

Previews

White Background



This preview shows how the YUV color 101.6550, 53.4141, -52.3174 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 101.6550, 53.4141, -52.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

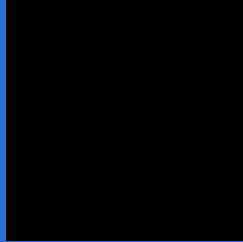
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.6550, 53.4141, -52.3174

Background



This preview shows how black text looks on a background with the YUV color 101.6550, 53.4141, -52.3174.



This preview shows how white text looks on a background with the YUV color 101.6550, 53.4141, -52.3174.

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

101.6550, 53.4141, -52.3174

Protanopia

105.9340, 50.3185, -39.4071

Deuteranopia

90.5330, 54.9532, -79.3974



Tritanopia

88.6510, 22.3571, -77.7469

Trichromacy



Original Color

101.6550, 53.4141, -52.3174

Protanomaly

104.5420, 51.4978, -44.3253

Deuteranomaly

94.7730, 54.3419, -69.9609

Tritanomaly

93.3930, 33.8233, -68.7507

Monochromacy



Original Color

101.6550, 53.4141, -52.3174

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.6290, 19.4099, -18.9686

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.6550, 53.4141, -52.3174 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, 111, 210)` looks like.

```
.text, #text, p{  
    color:rgb(42, 111, 210)  
}
```

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, 111, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 111, 210) }
```

Border

The CSS property to change the border of an element to YUV 101.6550, 53.4141, -52.3174 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, 111, 210) }
```


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

```
.border{ border-color:rgb(42, 111, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 111, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 111, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 111, 210);  
box-shadow:4px 4px 4px 4px rgb(42, 111,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 101.6550, 53.4141, -52.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 111, 210) }
```

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

```
.background{ background-color: rgb(42, 111,  
210) }
```

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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