

Converting Colors

YUV(103.7260, 52.3931,
-51.5027)

Have a look what the booklet for
YUV(103.7260, 52.3931, -51.5027)
contains.

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Color

**YUV(103.7260, 52.3931,
-51.5027)**

Conversions

Conversions Part 1

Format	Color
Hex	2D71D2
RGB	45, 113, 210
RGB Percent	18%, 44%, 82%
CMY	0.8235, 0.5569, 0.1765
CMYK	0.79, 0.46, 0.00, 0.18
HSL	215°, 65%, 50%
HSV	215°, 79%, 82%
XYZ	18.6202, 17.0213, 63.2768
YIQ	103.7260, -71.6650, 15.7510

Conversions

Conversions Part 2

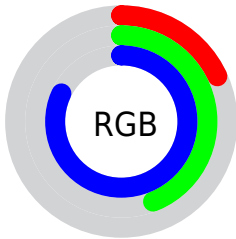
Format	Color
R _Y B	45, 93, 210
Decimal	2978258
CIE Lab	48.29, 13.29, -56.06
CIE LCh	48, 57.616, 283.340
Yxy	17.0213, 0.1882, 0.1721
Android (android.graphics.Color)	4281168338 (0xFF2D71D2)
YUV	103.7260, 52.3931, -51.5027
Hunter-Lab	41.2569, 8.3617, -62.0549

Details

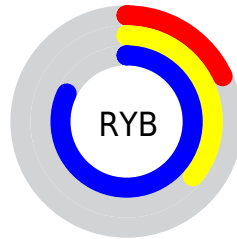
The YUV color **103.7260, 52.3931, -51.5027** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **151.2740, -52.3931, 51.5027**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.7230, 46.9716, -39.2221**, and **56.4120, 48.6039, -49.4733** is the 20% darker color. If you saturate the color by 10%, you get **90.4030, 58.9613, -58.2354**, and if you desaturate by 10%, it is **117.0490, 45.8248, -44.7700**.

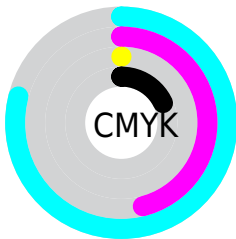
Distribution



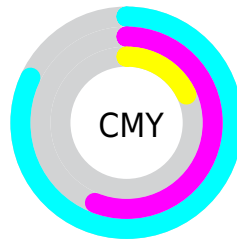
- Red (18%)
- Green (44%)
- Blue (82%)



- Red (18%)
- Yellow (36%)
- Blue (82%)



- Cyan (79%)
- Magenta (46%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (56%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.7260, 52.3931, -51.5027 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 103.7260, 52.3931, -51.5027 by changing the saturation by 10% instead.

■ 103.7260, 52.3931,
-51.5027

■ 103.7260, 52.3931,
-51.5027

■ 255.0000, 0.0000,
0.0000

■ 72.9910, 53.7414,
-64.0131

■ 159.7230, 46.9716,
-39.2221

■ 56.4120, 48.6039,
-49.4733

■ 184.8410, 34.5884,
-34.0636

■ 41.0070, 42.8875,
-35.9631

■ 210.2470, 22.0632,
-30.0346

■ 26.8900, 37.0292,
-23.5825

■ 235.6530, 9.5381,
-26.0057

■ 11.8270, 32.6233,
-10.3723

■ 249.6180, 2.6533,
-11.0660

■ 9.0910, 22.1401,
-7.9728

■ 4.8220, 13.3988,

-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 103.7260, 52.3931,
-51.5027

■ 103.7260, 52.3931,
-51.5027

■ 90.4030, 58.9613,
-58.2354

■ 117.0490, 45.8248,
-44.7700

■ 76.4930, 65.8190,
-64.4534

■ 130.9590, 38.9672,
-38.5520

■ 75.0090, 66.5506,
-65.7829

■ 144.2820, 32.3990,
-31.8193

■ 157.6050, 25.8307,
-25.0866

■ 171.5150, 18.9731,
-18.8687

■ 184.8380, 12.4049,
-12.1359

■ 198.1610, 5.8366,
-5.4032

■ 212.0710, -1.0210,
0.8147

■ 225.3940, -7.5892,
7.5475

Harmonies

Analogous

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



98.8480, 53.8119, -86.6897



103.7260, 52.3931, -51.5027



117.6770, 33.6832, 23.0853

Triad

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



103.7260, 52.3931, -51.5027



109.9430, -30.0449, 70.2100



88.9350, -1.9400, -77.9960

Complementary

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



103.7260, 52.3931, -51.5027



151.2740, -52.3931, 51.5027

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.



98.7670, -30.4511, -33.1217



103.7260, 52.3931, -51.5027



108.0560, -51.7926, 45.5549

Square

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



103.7260, 52.3931, -51.5027



109.0840, -6.9434, 80.6103



105.1350, -51.8316, 11.2826



95.9230, 19.7580, -84.1245

Rectangle

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



103.7260, 52.3931, -51.5027



115.6610, 21.3661, 53.7943



105.1350, -51.8316, 11.2826



86.4100, -9.0761, -75.7816

Sweetspot

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



103.7260, 52.3931, -51.5027



215.6290, 19.4099, -18.9686



152.7990, -5.8169, -94.5397



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.



103.7260, 52.3931, -51.5027



100.4730, 76.1818, -74.9598



67.9960, 70.0080, -7.8895



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.



102.0870, 5.3801, 94.6397



98.0460, 7.8653, 137.6487



187.0040, -70.0080, 7.8895



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 103.7260, 52.3931, -51.5027 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 103.7260, 52.3931, -51.5027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

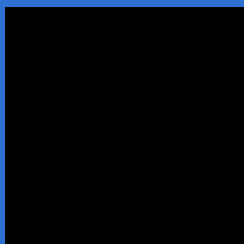
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

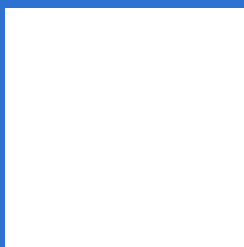
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 103.7260, 52.3931, -51.5027

Background



This preview shows how black text looks on a background with the YUV color 103.7260, 52.3931, -51.5027.



This preview shows how white text looks on a background with the YUV color 103.7260, 52.3931, -51.5027.

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

103.7260, 52.3931, -51.5027

Protanopia

108.6030, 49.0027, -37.3628

Deuteranopia

91.4620, 55.9742, -80.2122



Tritanopia

90.0530, 22.6519, -78.9765

Trichromacy



Original Color

103.7260, 52.3931, -51.5027

Protanomaly

106.9120, 50.3294, -42.8958

Deuteranomaly

95.8870, 54.7787, -70.0609

Tritanomaly

94.9800, 33.5339, -69.2655

Monochromacy



Original Color

103.7260, 52.3931, -51.5027

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9280, 19.2625, -18.3539

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7260, 52.3931, -51.5027 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(45, 113, 210)` looks like.

```
.text, #text, p{  
    color:rgb(45, 113, 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(45, 113, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 113, 210) }
```

Border

The CSS property to change the border of an element to YUV 103.7260, 52.3931, -51.5027 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(45, 113, 210) }
```


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

```
.border{ border-color:rgb(45, 113, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 113, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 113, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 113, 210);  
box-shadow:4px 4px 4px 4px rgb(45, 113,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 103.7260, 52.3931, -51.5027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 113, 210) }
```

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

```
.background{ background-color: rgb(45, 113,  
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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