

Converting Colors

YUV(100.8920, 54.2832,
-4.2903)

Have a look what the booklet for
YUV(100.8920, 54.2832, -4.2903)
contains.

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Color

**YUV(100.8920, 54.2832,
-4.2903)**

Conversions

Conversions Part 1

Format	Color
Hex	6052D3
RGB	96, 82, 211
RGB Percent	38%, 32%, 83%
CMY	0.6235, 0.6784, 0.1725
CMYK	0.55, 0.61, 0.00, 0.17
HSL	247°, 59%, 57%
HSV	247°, 61%, 83%
XYZ	19.5990, 13.2245, 63.1476
YIQ	100.8920, -33.0650, 43.0870

Conversions

Conversions Part 2

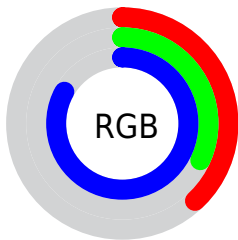
Format	Color
R _Y B	96, 82, 211
Decimal	6312659
CIE Lab	43.10, 40.65, -64.89
CIE LCh	43, 76.574, 302.067
Yxy	13.2245, 0.2042, 0.1378
Android (android.graphics.Color)	4284502739 (0xFF6052D3)
YUV	100.8920, 54.2832, -4.2903
Hunter-Lab	36.3655, 32.5620, -77.4993

Details

The YUV color $100.8920, 54.2832, -4.2903$ is a dark color, and the websafe version is hex $6666FF$. The color can be described as middle muted purple. A complement of this color would be $192.1080, -54.2832, 4.2903$, and the grayscale version is $100.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $152.8990, 50.3358, 1.8426$, and $46.2770, 53.6004, -18.6599$ is the 20% darker color. If you saturate the color by 10%, you get $82.8840, 63.1612, -5.1603$, and if you desaturate by 10%, it is $118.9000, 45.4053, -3.4203$.

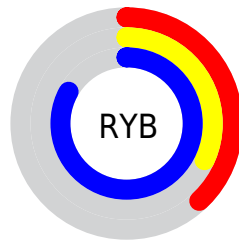
Distribution



Red (38%)

Green (32%)

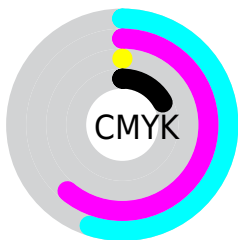
Blue (83%)



Red (38%)

Yellow (32%)

Blue (83%)

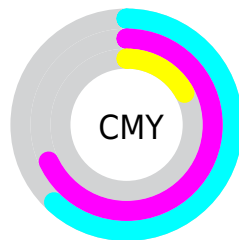


Cyan (55%)

Magenta (61%)

Yellow (0%)

Black (17%)



Cyan (62%)

Magenta (68%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.8920, 54.2832, -4.2903 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 100.8920, 54.2832, -4.2903 by changing the saturation by 10% instead.

■ 100.8920, 54.2832,
-4.2903

■ 100.8920, 54.2832,
-4.2903

■ 255.0000, 0.0000,
0.0000

■ 74.3430, 53.5679,
-8.1938

■ 152.8990, 50.3358,
1.8426

■ 46.2770, 53.6004,
-18.6599

■ 177.7180, 38.1000,
6.3863

■ 22.9240, 52.2955,
-20.1043

■ 202.2380, 26.0117,
10.3153

■ 11.7420, 44.9902,
-10.2977

■ 227.6440, 13.4865,
14.3442

■ 9.4790, 33.7809,
-8.3131

■ 247.3690, 3.7621,
6.6924

■ 9.0910, 22.1401,
-7.9728

■ 4.8220, 13.3988,

-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 100.8920, 54.2832,
-4.2903

■ 100.8920, 54.2832,
-4.2903

■ 82.8840, 63.1612,
-5.1603

■ 118.9000, 45.4053,
-3.4203

■ 64.8760, 72.0391,
-6.0303

■ 136.9080, 36.5274,
-2.5503

■ 47.1670, 80.7697,
-6.2855

■ 154.6170, 27.7968,
-2.2951

■ 30.9310, 88.7740,
-6.9555

■ 172.6250, 18.9189,
-1.4251

■ 190.6330, 10.0409,
-0.5551

■ 209.2280, 0.8736,
-0.2000

■ 227.2360, -8.0043,
0.6700

■ 244.9450,
-16.7349, 0.9252

■ 249.9840,
-19.2191, 4.3990

Harmonies

Analogous

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



90.3170, 69.3567, -79.2080



100.8920, 54.2832, -4.2903



91.6480, 34.6835, 75.7307

Triad

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



100.8920, 54.2832, -4.2903



93.3820, -46.0373, 66.3170



86.5190, 9.1111, -75.8772

Complementary

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



100.8920, 54.2832, -4.2903



192.1080, -54.2832, 4.2903

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.



76.7780, -20.5966, -67.3343



100.8920, 54.2832, -4.2903



95.4660, -47.0647, 22.3933

Square

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



100.8920, 54.2832, -4.2903



78.0460, -19.2497, 107.8307



83.9390, -41.3819, -27.1335



93.7010, 36.6294, -82.1758

Rectangle

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



100.8920, 54.2832, -4.2903



74.3060, 23.5131, 111.9876



83.9390, -41.3819, -27.1335



83.3100, -0.6458, -73.0629

Sweetspot

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



100.8920, 54.2832, -4.2903



215.7390, 19.3557, -1.5251



164.7980, 22.7776, -72.6138



103.2030, 12.2249, -1.0550



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.



100.8920, 54.2832, -4.2903



96.1840, 78.2963, -6.3004



119.7290, 44.9966, 34.4407



95.5530, 4.6574, -0.4850



24.5340, 70.7287, -5.7303



5.8700, 17.3191, -1.6400

Inverse Universe

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



133.6810, 31.2163, 67.8088



143.5380, 45.0908, 97.7522



173.2710, -44.9966, -34.4407



98.3150, 2.3097, 5.8627



67.3320, 40.7553, 88.2858



16.3630, 9.6810, 21.6066

Previews

White Background



This preview shows how the YUV color 100.8920, 54.2832, -4.2903 looks on a white background.

Color Contrast Check

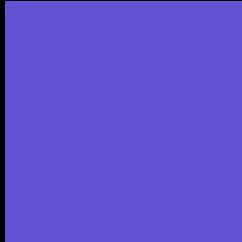
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.8920, 54.2832, -4.2903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

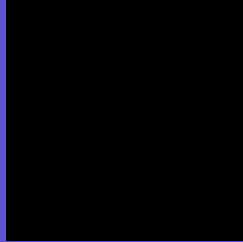
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.8920, 54.2832, -4.2903

Background



This preview shows how black text looks on a background with the YUV color 100.8920, 54.2832, -4.2903.



This preview shows how white text looks on a background with the YUV color 100.8920, 54.2832, -4.2903.

-4.2903.

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

100.8920, 54.2832, -4.2903

Protanopia

81.1240, 62.0569, -71.1457

Deuteranopia

81.5680, 48.5270, -71.5351



Tritanopia

96.1580, 10.2751, -29.0796

Trichromacy



Original Color

100.8920, 54.2832, -4.2903

Protanomaly

88.1810, 59.0708, -46.6397

Deuteranomaly

88.5910, 50.4876, -46.9993

Tritanomaly

97.7520, 26.2513, -19.9535

Monochromacy



Original Color

100.8920, 54.2832, -4.2903

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.8530, 19.7925, -1.6251

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.8920, 54.2832, -4.2903 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(96, 82, 211)` looks like.

```
.text, #text, p{  
    color:rgb(96, 82, 211)  
}
```

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(96, 82, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 82, 211) }
```

Border

The CSS property to change the border of an element to YUV 100.8920, 54.2832, -4.2903 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(96, 82, 211) }
```


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

```
.border{ border-color:rgb(96, 82, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 82, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 82, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 82, 211);  
box-shadow:4px 4px 4px 4px rgb(96, 82,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 100.8920, 54.2832, -4.2903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 82, 211) }
```

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

```
.background{ background-color: rgb(96, 82,  
211) }
```

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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