

Converting Colors

YUV(52.0820, 63.0636, 26.2381)

Have a look what the booklet for
YUV(52.0820, 63.0636, 26.2381)
contains.

YUV(52.0820, 63.0636, 26.2381)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(52.0820, 63.0636,
26.2381)**

Conversions

Conversions Part 1

Format	Color
Hex	520CB4
RGB	82, 12, 180
RGB Percent	32%, 5%, 71%
CMY	0.6784, 0.9529, 0.2941
CMYK	0.54, 0.93, 0.00, 0.29
HSL	265°, 88%, 38%
HSV	265°, 93%, 71%
XYZ	11.8494, 5.3521, 43.5885
YIQ	52.0820, -12.2080, 67.0880

Conversions

Conversions Part 2

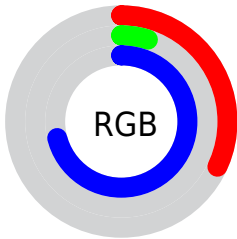
Format	Color
R _Y B	82, 12, 180
Decimal	5377204
CIE Lab	27.72, 61.35, -72.03
CIE LCh	28, 94.617, 310.423
Yxy	5.3521, 0.1949, 0.0880
Android (android.graphics.Color)	4283567284 (0xFF520CB4)
YUV	52.0820, 63.0636, 26.2381
Hunter-Lab	23.1345, 50.9411, -95.5160

Details

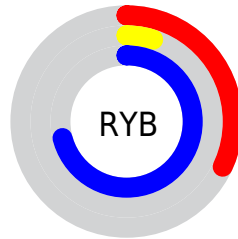
The YUV color **52.0820, 63.0636, 26.2381** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **139.9180, -63.0636, -26.2381**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.7400, 61.7532, 26.5380**, and **14.3640, 55.0365, -12.5972** is the 20% darker color. If you saturate the color by 10%, you get **42.9450, 67.5681, 28.1122**, and if you desaturate by 10%, it is **65.9370, 56.2331, 23.7343**.

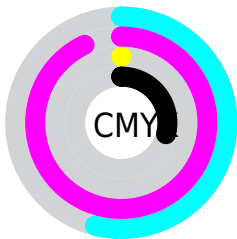
Distribution



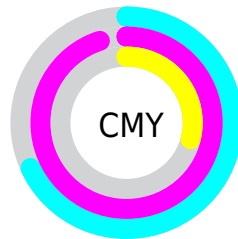
- Red (32%)
- Green (5%)
- Blue (71%)



- Red (32%)
- Yellow (5%)
- Blue (71%)



- Cyan (54%)
- Magenta (93%)
- Yellow (0%)
- Black (29%)



- Cyan (68%)
- Magenta (95%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.0820, 63.0636, 26.2381 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 52.0820, 63.0636, 26.2381 by changing the saturation by 10% instead.

■ 52.0820, 63.0636,
26.2381

■ 52.0820, 63.0636,
26.2381

■ 255.0000, 0.0000,
0.0000

■ 31.9790, 59.1704,
14.9274

■ 111.7400, 61.7532,
26.5380

■ 14.3640, 55.0365,
-12.5972

■ 138.6110, 57.3798,
29.2822

■ 11.4000, 43.6798,
-9.9978

■ 163.4300, 45.1440,
33.8259

■ 9.7240, 32.1811,
-8.5279

■ 188.2490, 32.9082,
38.3696

■ 8.1620, 21.1191,
-7.1581

■ 211.5620, 21.4149,
38.0951


■ 4.4800, 12.0884,
-3.9290


■ 227.9980, 13.3120,


■ 0.0000, 0.0000,


23.6808


0.0000


 245.0210, 4.9196,
8.7516


 52.0820, 63.0636,
26.2381


 52.0820, 63.0636,
26.2381


 42.9450, 67.5681,
28.1122

 65.9370, 56.2331,
23.7343

 79.4930, 49.5500,
20.6156

 93.3480, 42.7194,
18.1118

 106.9040, 36.0363,
14.9932

 120.7590, 29.2058,
12.4894

■ 134.3150, 22.5227,
9.3707

■ 148.1700, 15.6922,
6.8669

■ 161.7260, 9.0091,
3.7483

■ 175.5810, 2.1786,
1.2445

Harmonies

Analogous

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



66.1870, 73.3648, -58.0460



52.0820, 63.0636, 26.2381



61.6620, 26.7886, 87.9964

Triad

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



52.0820, 63.0636, 26.2381



59.3490, -29.2591, 51.4369



61.9160, 13.8454, -54.3003

Complementary

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



52.0820, 63.0636, 26.2381



139.9180, -63.0636, -26.2381

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.



51.0520, -22.7036, -44.7726



52.0820, 63.0636, 26.2381



58.7200, -28.9490, -1.5084

Square

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



52.0820, 63.0636, 26.2381



47.8400, -23.5851, 98.3643



48.1340, -23.7301, -42.2135



71.1840, 44.2793, -62.4284

Rectangle

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



52.0820, 63.0636, 26.2381



61.2730, 3.3164, 103.2466



48.1340, -23.7301, -42.2135



59.0660, 2.9255, -51.8009

Sweetspot

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



52.0820, 63.0636, 26.2381



184.5970, 24.8487, 10.0004



88.6780, 45.0217, -67.2466



86.6430, 14.9660, 6.4521



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.



52.0820, 63.0636, 26.2381



56.0920, 88.2016, 36.7533



77.1980, 50.6814, 77.8794



82.2220, 3.3416, 1.5593



36.5780, 57.3960, 24.0491



6.2530, 9.7353, 4.1631

Inverse Universe

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



73.4040, 18.0418, 93.4847



85.8830, 25.2007, 130.7756



114.8020, -50.6814, -77.8794



83.3750, 1.2941, 4.9331



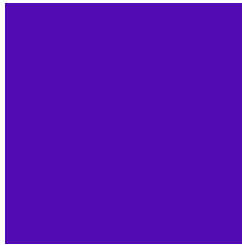
55.8930, 16.3218, 85.1628



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 52.0820, 63.0636, 26.2381 looks on a white background.

Color Contrast Check

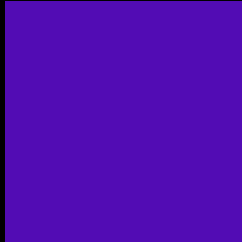
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.0820, 63.0636, 26.2381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

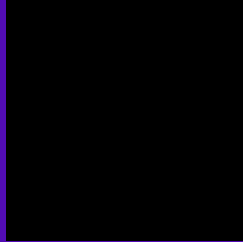
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.0820, 63.0636, 26.2381

Background



This preview shows how black text looks on a background with the YUV color 52.0820, 63.0636, 26.2381.



This preview shows how white text looks on a background with the YUV color 52.0820, 63.0636,

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

52.0820, 63.0636, 26.2381

Protanopia

53.6590, 40.5941, -47.0589

Deuteranopia

53.7270, 30.7006, -47.1186



Tritanopia

64.3940, 5.7218, -15.2545

Trichromacy



Original Color

52.0820, 63.0636, 26.2381

Protanomaly

53.3000, 48.6591, -20.4341

Deuteranomaly

52.9920, 42.4019, -20.1640

Tritanomaly

60.2860, 26.4810, -0.2508

Monochromacy



Original Color

52.0820, 63.0636, 26.2381

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.8420, 23.2489, 9.7856

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.0820, 63.0636, 26.2381 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(82, 12, 180)` looks like.

```
.text, #text, p{  
    color:rgb(82, 12, 180)  
}
```

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(82, 12, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 12, 180) }
```

Border

The CSS property to change the border of an element to YUV 52.0820, 63.0636, 26.2381 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(82, 12, 180) }
```


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

```
.border{ border-color:rgb(82, 12, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 12, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 12, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 12, 180);  
box-shadow:4px 4px 4px 4px rgb(82, 12,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 52.0820, 63.0636, 26.2381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 12, 180) }
```

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

```
.background{ background-color: rgb(82, 12,  
180) }
```

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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