

Converting Colors

YUV(40.6180, 80.0543,
-10.1890)

Have a look what the booklet for
YUV(40.6180, 80.0543, -10.1890)
contains.

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Color

**YUV(40.6180, 80.0543,
-10.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	1D0FCB
RGB	29, 15, 203
RGB Percent	11%, 6%, 80%
CMY	0.8863, 0.9412, 0.2039
CMYK	0.86, 0.93, 0.00, 0.20
HSL	244°, 86%, 43%
HSV	244°, 93%, 80%
XYZ	11.4570, 4.9147, 56.8447
YIQ	40.6180, -52.0040, 61.4360

Conversions

Conversions Part 2

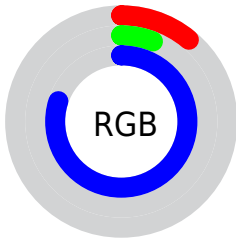
Format	Color
R_{YB}	29, 15, 203
Decimal	1904587
CIE _{Lab}	26.49, 63.84, -87.78
CIE _{LCh}	26, 108.544, 306.028
Yxy	4.9147, 0.1565, 0.0671
Android (android.graphics.Color)	4280094667 (0xFF1D0FCB)
YUV	40.6180, 80.0543, -10.1890
Hunter-Lab	22.1690, 53.4535, -136.5101

Details

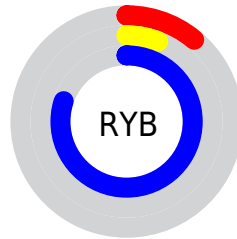
The YUV color **40.6180, 80.0543, -10.1890** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **177.3820, -80.0543, 10.1890**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.5340, 74.1797, 7.4247**, and **16.7580, 64.2093, -14.6968** is the 20% darker color. If you saturate the color by 10%, you get **27.6270, 86.4589, -11.0739**, and if you desaturate by 10%, it is **58.0390, 71.4658, -8.8042**.

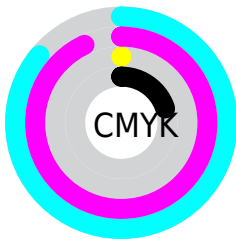
Distribution



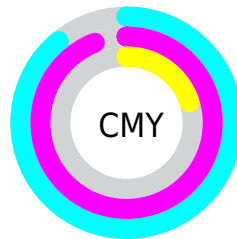
- Red (11%)
- Green (6%)
- Blue (80%)



- Red (11%)
- Yellow (6%)
- Blue (80%)



- Cyan (86%)
- Magenta (93%)
- Yellow (0%)
- Black (20%)



- Cyan (89%)
- Magenta (94%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.6180, 80.0543, -10.1890 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 40.6180, 80.0543, -10.1890 by changing the saturation by 10% instead.

■ 40.6180, 80.0543,
-10.1890

■ 40.6180, 80.0543,
-10.1890

■ 255.0000, 0.0000,
0.0000

■ 19.9500, 76.4397,
-17.4962

■ 104.5340, 74.1797,
7.4247

■ 16.7580, 64.2093,
-14.6968

■ 129.3640, 61.9385,
13.7128

■ 13.6800, 52.4158,
-11.9974

■ 154.1940, 49.6974,
20.0009

■ 16.5860, 38.1651,
-14.5459

■ 179.8990, 37.0248,
24.6446

■ 12.5620, 27.8239,
-11.0169

■ 205.3160, 24.4942,
30.4179

■ 7.5920, 18.9351,
-6.6582


■ 226.2370, 14.1802,


■ 3.4370, 10.6306,


25.2252


-3.0142


 243.2600, 5.7878,
10.2960


 0.0000, 0.0000,
0.0000


 40.6180, 80.0543,
-10.1890

 40.6180, 80.0543,
-10.1890

 27.6270, 86.4589,
-11.0739

 58.0390, 71.4658,
-8.8042

 76.0470, 62.5878,
-7.9342

 93.1690, 54.1467,
-7.1642

 110.5900, 45.5581,
-5.7794

 128.5980, 36.6802,
-4.9094

■ 146.0190, 28.0916,
-3.5247

■ 163.4400, 19.5031,
-2.1399

■ 180.5620, 11.0619,
-1.3699

■ 198.5700, 2.1840,
-0.4999

Harmonies

Analogous

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



71.6300, 81.5274, -62.8195



40.6180, 80.0543, -10.1890



64.0840, 33.4826, 87.6263

Triad

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



40.6180, 80.0543, -10.1890



47.9520, -23.6403, 69.3251



59.4880, 9.6194, -52.1710

Complementary

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



40.6180, 80.0543, -10.1890



177.3820, -80.0543, 10.1890

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.



49.3080, -24.3088, -43.2431



40.6180, 80.0543, -10.1890



57.5790, -28.3864, 4.7542

Square

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



40.6180, 80.0543, -10.1890



51.4280, -25.3540, 105.7416



46.9600, -23.1513, -41.1839



70.7110, 45.0055, -62.0135

Rectangle

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



40.6180, 80.0543, -10.1890



64.8050, 6.5051, 107.1650



46.9600, -23.1513, -41.1839



56.0680, -3.4845, -49.1716

Sweetspot

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



40.6180, 80.0543, -10.1890



193.5890, 30.2756, -4.0246



139.1570, 31.4746, -108.8857



89.9130, 18.7769, -2.5547



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.



40.6180, 80.0543, -10.1890



34.7510, 108.5828, -13.8136



68.4250, 66.3455, 46.9853



93.4390, 4.2206, -0.3850



22.5120, 70.7396, -9.2190



5.2290, 16.1561, -1.9548

Inverse Universe

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



91.0480, 48.2903, 98.1819



103.1490, 65.4955, 133.1733



149.5750, -66.3455, -46.9853



96.0160, 2.4571, 5.2480



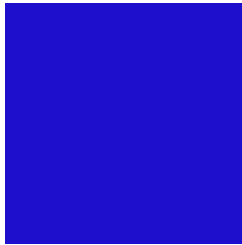
67.0760, 42.3605, 86.7563



15.3520, 9.6865, 19.8623

Previews

White Background



This preview shows how the YUV color 40.6180, 80.0543, -10.1890 looks on a white background.

Color Contrast Check

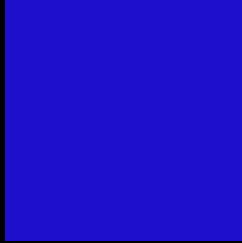
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.6180, 80.0543, -10.1890 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 40.6180, 80.0543, -10.1890

Background



This preview shows how black text looks on a background with the YUV color 40.6180, 80.0543, -10.1890.



This preview shows how white text looks on a background with the YUV color 40.6180, 80.0543, -10.1890.

-10.1890.

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

40.6180, 80.0543, -10.1890

Deuteranopia

50.5810, 28.8006, -44.3595

Tritanopia

50.1130, 11.7763, -43.9491

Trichromacy



Original Color

40.6180, 80.0543, -10.1890

Deuteranomaly

47.1800, 47.2393, -31.7299

Tritanomaly

47.0200, 36.4721, -31.5895

Monochromacy



Original Color

40.6180, 80.0543, -10.1890

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.2470, 28.9652, -3.7246

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.6180, 80.0543, -10.1890 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(29, 15, 203)` looks like.

```
.text, #text, p{  
    color:rgb(29, 15, 203)  
}
```

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(29, 15, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 15, 203) }
```

Border

The CSS property to change the border of an element to YUV 40.6180, 80.0543, -10.1890 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(29, 15, 203) }
```

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

```
.border{ border-color:rgb(29, 15, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 15, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 15, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 15, 203);  
box-shadow:4px 4px 4px 4px rgb(29, 15,  
203) }
```


Background

The CSS property to change the background color of an element to YUV 40.6180, 80.0543, -10.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 15, 203) }
```

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

```
.background{ background-color: rgb(29, 15,  
203) }
```

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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