

Converting Colors

YUV(79.0410, 55.1958, 29.7820)

Have a look what the booklet for
YUV(79.0410, 55.1958, 29.7820)
contains.

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Color

**YUV(79.0410, 55.1958,
29.7820)**

Conversions

Conversions Part 1

Format	Color
Hex	7128BF
RGB	113, 40, 191
RGB Percent	44%, 16%, 75%
CMY	0.5569, 0.8431, 0.2510
CMYK	0.41, 0.79, 0.00, 0.25
HSL	269°, 65%, 45%
HSV	269°, 79%, 75%
XYZ	16.9728, 8.7899, 50.0923
YIQ	79.0410, -4.9630, 62.4370

Conversions

Conversions Part 2

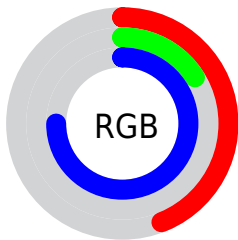
Format	Color
R _Y B	113, 40, 191
Decimal	7415999
CIE Lab	35.58, 59.25, -65.47
CIE LCh	36, 88.300, 312.145
Yxy	8.7899, 0.2238, 0.1159
Android (android.graphics.Color)	4285606079 (0xFF7128BF)
YUV	79.0410, 55.1958, 29.7820
Hunter-Lab	29.6477, 50.3046, -79.4219

Details

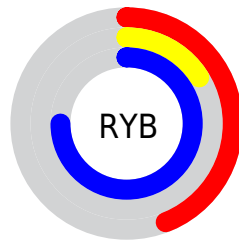
The YUV color **79.0410, 55.1958, 29.7820** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **151.9590, -55.1958, -29.7820**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.5790, 55.9166, 31.9412**, and **31.3510, 51.5920, 18.9862** is the 20% darker color. If you saturate the color by 10%, you get **64.8980, 62.1683, 33.4155**, and if you desaturate by 10%, it is **93.1840, 48.2233, 26.1486**.

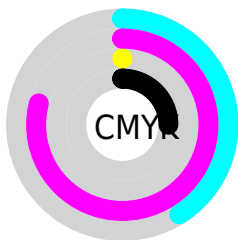
Distribution



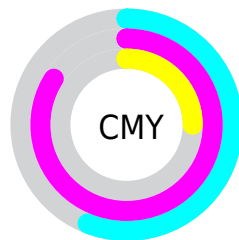
- Red (44%)
- Green (16%)
- Blue (75%)



- Red (44%)
- Yellow (16%)
- Blue (75%)



- Cyan (41%)
- Magenta (79%)
- Yellow (0%)
- Black (25%)



- Cyan (56%)
- Magenta (84%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.0410, 55.1958, 29.7820 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 79.0410, 55.1958, 29.7820 by changing the saturation by 10% instead.

■ 79.0410, 55.1958,
29.7820

■ 79.0410, 55.1958,
29.7820

■ 255.0000, 0.0000,
0.0000

■ 45.4590, 57.9477,
33.8005

■ 134.5790, 55.9166,
31.9412

■ 31.3510, 51.5920,
18.9862

■ 159.8970, 46.8858,
35.1703

■ 16.4270, 46.1315,
-3.0055

■ 184.7160, 34.6500,
39.7141

■ 9.6900, 37.1278,
-8.4981

■ 208.6270, 22.8619,
40.6691

■ 10.3620, 24.4715,
-9.0875

■ 225.0630, 14.7589,
26.2547

■ 5.5060, 16.0195,
-4.8288

■ 242.0860, 6.3666,

■ 2.1830, 5.8258,

11.3256

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 79.0410, 55.1958,
29.7820

■ 79.0410, 55.1958,
29.7820

■ 64.8980, 62.1683,
33.4155

■ 93.1840, 48.2233,
26.1486

■ 50.7550, 69.1408,
37.0489

■ 107.3270, 41.2508,
22.5152

■ 49.2820, 69.8670,
37.4637

■ 121.4700, 34.2783,
18.8818

■ 135.3140, 27.4532,
14.6336

■ 150.0440, 20.1913,
10.4854

■ 164.1870, 13.2188,
6.8520

■ 178.3300, 6.2463,
3.2186

■ 192.4730, -0.7262,
-0.4148

■ 206.6160, -7.6987,
-4.0482

Harmonies

Analogous

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



76.2460, 73.8287, -66.8677



79.0410, 55.1958, 29.7820



69.1240, 29.5189, 98.9923

Triad

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



79.0410, 55.1958, 29.7820



78.2320, -38.5684, 50.6625



76.7510, 17.3778, -67.3106

Complementary

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



79.0410, 55.1958, 29.7820



151.9590, -55.1958, -29.7820

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.



66.9130, -15.2401, -58.6827



79.0410, 55.1958, 29.7820



75.8530, -37.3955, 1.0059

Square

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



79.0410, 55.1958, 29.7820



53.5210, -26.3859, 110.0451



59.8740, -29.5179, -52.5095



84.9760, 46.3538, -74.5240

Rectangle

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



79.0410, 55.1958, 29.7820



68.2510, 6.7783, 112.9129



59.8740, -29.5179, -52.5095



73.9010, 6.4578, -64.8112

Sweetspot

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



79.0410, 55.1958, 29.7820



203.3970, 21.4963, 11.9298



103.0000, 43.3840, -55.2510



98.1870, 13.2188, 6.8520



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0410, 55.1958, 29.7820



72.8760, 85.8431, 46.5897



101.4660, 44.1403, 75.8903



87.2220, 3.3416, 1.5593



40.7360, 57.8112, 30.9265



8.0190, 11.3296, 6.1223

Inverse Universe

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



94.0410, 11.8118, 85.0330



96.1730, 18.6487, 132.2753



129.5340, -44.1403, -75.8903



88.2610, 0.8573, 5.0331



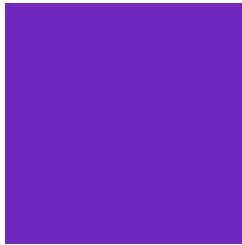
56.5900, 12.5271, 88.9366



11.0930, 2.4192, 17.4584

Previews

White Background



This preview shows how the YUV color 79.0410, 55.1958, 29.7820 looks on a white background.

Color Contrast Check

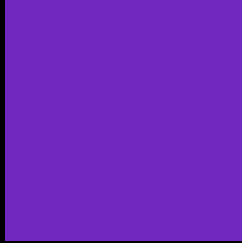
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.0410, 55.1958, 29.7820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

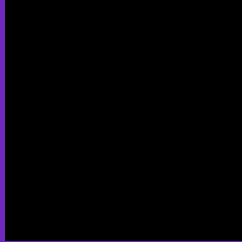
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.0410, 55.1958, 29.7820

Background



This preview shows how black text looks on a background with the YUV color 79.0410, 55.1958, 29.7820.



This preview shows how white text looks on a background with the YUV color 79.0410, 55.1958,

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

79.0410, 55.1958, 29.7820

Protanopia

67.0410, 51.2518, -58.7950

Deuteranopia

67.3540, 39.7585, -59.0695



Tritanopia

84.4890, 1.7309, 4.8331

Trichromacy



Original Color

79.0410, 55.1958, 29.7820

Protanomaly

71.2930, 52.6066, -26.5670

Deuteranomaly

71.4580, 45.6232, -26.7117

Tritanomaly

82.2940, 21.0541, 13.7742

Monochromacy



Original Color

79.0410, 55.1958, 29.7820

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0440, 20.1913, 10.4854

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.0410, 55.1958, 29.7820 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(113, 40, 191)` looks like.

```
.text, #text, p{  
    color:rgb(113, 40, 191)  
}
```

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(113, 40, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 40, 191) }
```

Border

The CSS property to change the border of an element to YUV 79.0410, 55.1958, 29.7820 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(113, 40, 191) }
```


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

```
.border{ border-color:rgb(113, 40, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 40, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 40, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 40, 191);  
box-shadow:4px 4px 4px 4px rgb(113, 40,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 79.0410, 55.1958, 29.7820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 40, 191) }
```

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

```
.background{ background-color: rgb(113, 40,  
191) }
```

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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