

Converting Colors

YUV(80.7920, 22.2875, -8.5876)

Have a look what the booklet for
YUV(80.7920, 22.2875, -8.5876)
contains.

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Color

**YUV(80.7920, 22.2875,
-8.5876)**

Conversions

Conversions Part 1

Format	Color
Hex	474D7E
RGB	71, 77, 126
RGB Percent	28%, 30%, 49%
CMY	0.7216, 0.6980, 0.5059
CMYK	0.44, 0.39, 0.00, 0.51
HSL	233°, 28%, 39%
HSV	233°, 44%, 49%
XYZ	9.0183, 8.1537, 20.8372
YIQ	80.7920, -19.3050, 13.9670

Conversions

Conversions Part 2

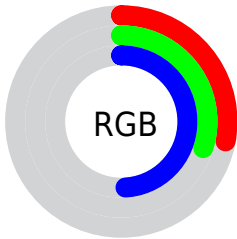
Format	Color
R _Y B	71, 76, 126
Decimal	4672894
CIE Lab	34.30, 11.24, -28.53
CIE LCh	34, 30.661, 291.498
Yxy	8.1537, 0.2373, 0.2145
Android (android.graphics.Color)	4282862974 (0xFF474D7E)
YUV	80.7920, 22.2875, -8.5876
Hunter-Lab	28.5547, 6.4042, -23.2773

Details

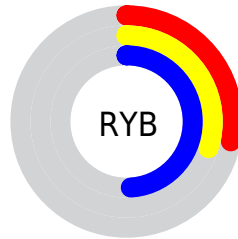
The YUV color **80.7920, 22.2875, -8.5876** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **116.2080, -22.2875, 8.5876**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.8460, 23.7399, -7.7579**, and **34.1290, 21.1354, -12.3911** is the 20% darker color. If you saturate the color by 10%, you get **70.4480, 27.3871, -10.9169**, and if you desaturate by 10%, it is **91.1360, 17.1880, -6.2583**.

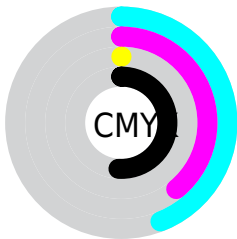
Distribution



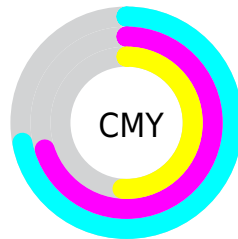
- Red (28%)
- Green (30%)
- Blue (49%)



- Red (28%)
- Yellow (30%)
- Blue (49%)



- Cyan (44%)
- Magenta (39%)
- Yellow (0%)
- Black (51%)



- Cyan (72%)
- Magenta (70%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.7920, 22.2875, -8.5876 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 80.7920, 22.2875, -8.5876 by changing the saturation by 10% instead.

80.7920, 22.2875,
-8.5876

80.7920, 22.2875,
-8.5876

255.0000, 0.0000,
0.0000

56.9660, 21.7088,
-9.6172

130.8460, 23.7399,
-7.7579

34.1290, 21.1354,
-12.3911

157.3730, 24.4661,
-7.3431

12.6130, 20.4038,
-11.0616

183.9000, 25.1923,
-6.9283

4.8220, 13.3988,
-4.2289

210.9880, 21.6979,
-6.1285

0.4560, 1.7472,
-0.3999

235.7960, 9.4676,
-3.3291

0.0000, 0.0000,
0.0000

■ 80.7920, 22.2875,
-8.5876

■ 80.7920, 22.2875,
-8.5876

■ 70.4480, 27.3871,
-10.9169

■ 91.1360, 17.1880,
-6.2583

■ 60.4030, 32.3393,
-12.6314

■ 101.1810, 12.2358,
-4.5437

■ 49.4720, 37.7283,
-14.4459

■ 112.1120, 6.8468,
-2.7292

■ 39.4270, 42.6805,
-16.1605

■ 122.1570, 1.8946,
-1.0147

■ 29.0830, 47.7801,
-18.4898

■ 132.5010, -3.2050,
1.3146

■ 22.5820, 50.9851,
-19.8044

■ 142.8450, -8.3046,
3.6439

■ 153.4770,
-13.5462, 4.8437

■ 163.8210,

-18.6458, 7.1730

■ 173.8660,
-23.5979, 8.8875

Harmonies

Analogous

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



66.0960, 31.0117, -53.5812



80.7920, 22.2875, -8.5876



83.0790, 13.7651, 18.3477

Triad

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



80.7920, 22.2875, -8.5876



80.1000, -18.2903, 33.2383



62.9130, 4.9729, -55.1747

Complementary

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



80.7920, 22.2875, -8.5876



116.2080, -22.2875, 8.5876

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.



73.0670, -11.8650, -21.1068



80.7920, 22.2875, -8.5876



78.9320, -23.6305, 19.3536

Square

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



80.7920, 22.2875, -8.5876



80.7770, -8.2711, 39.6606



76.9790, -21.6816, 0.8954



65.7630, 15.8928, -57.6742

Rectangle

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



80.7920, 22.2875, -8.5876



82.7340, 7.0331, 30.9283



76.9790, -21.6816, 0.8954



66.9810, -1.4696, -42.0793

Sweetspot

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



80.7920, 22.2875, -8.5876



145.5680, 8.5940, -3.1291



108.8710, 5.4866, -33.2129



71.0690, 5.3890, -1.8145



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



80.7920, 22.2875, -8.5876



93.5600, 34.2339, -13.6461



83.5490, 20.9283, 7.4115



58.3850, 2.7682, -1.2146



22.8100, 51.8587, -20.0044



0.0000, 0.0000, 0.0000

Inverse Universe

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



88.1290, -5.4866, 33.2129



104.5550, -8.1616, 51.2563



113.4510, -20.9283, -7.4115



59.2070, -0.5951, 4.2035



39.8680, -12.7529, 77.2918



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 80.7920, 22.2875, -8.5876 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 80.7920, 22.2875, -8.5876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

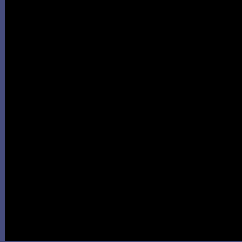
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.7920, 22.2875, -8.5876

Background



This preview shows how black text looks on a background with the YUV color 80.7920, 22.2875, -8.5876.



This preview shows how white text looks on a background with the YUV color 80.7920, 22.2875, -8.5876.

-8.5876.

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

80.7920, 22.2875, -8.5876

Protanopia

79.5030, 23.9090, -15.3501

Deuteranopia

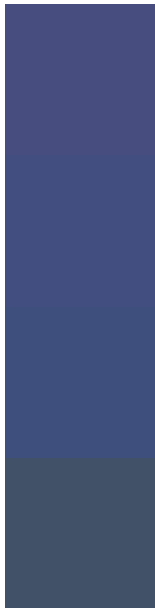
78.2530, 23.0463, -18.6389



Tritanopia

78.2200, 6.3005, -14.2249

Trichromacy



Original Color

80.7920, 22.2875, -8.5876

Protanomaly

79.6990, 23.3194, -12.8910

Deuteranomaly

79.1610, 22.5986, -15.0502

Tritanomaly

78.8380, 12.4049, -12.1359

Monochromacy



Original Color

80.7920, 22.2875, -8.5876

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0410, 7.8678, -3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.7920, 22.2875, -8.5876 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(71, 77, 126)` looks like.

```
.text, #text, p{  
    color:rgb(71, 77, 126)  
}
```

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(71, 77, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 77, 126) }
```

Border

The CSS property to change the border of an element to YUV 80.7920, 22.2875, -8.5876 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(71, 77, 126) }
```


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

```
.border{ border-color:rgb(71, 77, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 77, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 77, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 77, 126);  
box-shadow:4px 4px 4px 4px rgb(71, 77,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 80.7920, 22.2875, -8.5876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 77, 126) }
```

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

```
.background{ background-color: rgb(71, 77,  
126) }
```

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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