

Converting Colors

YUV(82.2020, 40.8194, 20.8708)

Have a look what the booklet for
YUV(82.2020, 40.8194, 20.8708)
contains.

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Color

**YUV(82.2020, 40.8194,
20.8708)**

Conversions

Conversions Part 1

Format	Color
Hex	6A36A5
RGB	106, 54, 165
RGB Percent	42%, 21%, 65%
CMY	0.5843, 0.7882, 0.3529
CMYK	0.36, 0.67, 0.00, 0.35
HSL	268°, 51%, 43%
HSV	268°, 67%, 65%
XYZ	14.0546, 8.4191, 36.4816
YIQ	82.2020, -4.6390, 45.5450

Conversions

Conversions Part 2

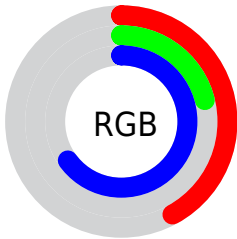
Format	Color
R_{YB}	106, 54, 165
Decimal	6960805
CIE _{Lab}	34.84, 45.26, -51.25
CIE _{LCh}	35, 68.376, 311.446
Yxy	8.4191, 0.2384, 0.1428
Android (android.graphics.Color)	4285150885 (0xFF6A36A5)
YUV	82.2020, 40.8194, 20.8708
Hunter-Lab	29.0157, 35.6839, -54.2346

Details

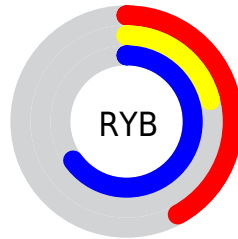
The YUV color **82.2020, 40.8194, 20.8708** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **136.7980, -40.8194, -20.8708**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.3810, 42.7032, 23.3449**, and **28.0170, 41.4036, 20.1561** is the 20% darker color. If you saturate the color by 10%, you get **70.1190, 46.7763, 23.5746**, and if you desaturate by 10%, it is **94.8720, 34.5731, 17.6523**.

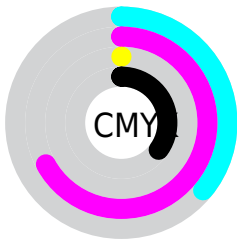
Distribution



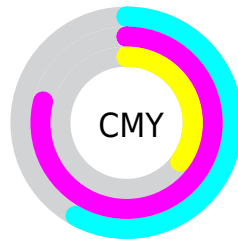
- Red (42%)
- Green (21%)
- Blue (65%)



- Red (42%)
- Yellow (21%)
- Blue (65%)



- Cyan (36%)
- Magenta (67%)
- Yellow (0%)
- Black (35%)



- Cyan (58%)
- Magenta (79%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.2020, 40.8194, 20.8708 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 82.2020, 40.8194, 20.8708 by changing the saturation by 10% instead.

■ 82.2020, 40.8194,
20.8708

■ 82.2020, 40.8194,
20.8708

■ 255.0000, 0.0000,
0.0000

■ 56.3760, 40.2406,
19.8412

■ 134.3810, 42.7032,
23.3449

■ 28.0170, 41.4036,
20.1561

■ 161.6200, 43.5713,
24.8893

■ 16.1970, 34.9059,
4.2122

■ 186.7100, 33.6670,
28.3183

■ 7.1820, 27.5183,
-6.2986

■ 211.8170, 21.2892,
31.7325

■ 6.3210, 16.6037,
-5.5435

■ 230.3460, 12.1544,
21.6216

■ 2.5250, 7.1362,
-2.2144

■ 246.7820, 4.0515,

■ 0.0000, 0.0000,

7.2072

0.0000

■ 82.2020, 40.8194,
20.8708

■ 82.2020, 40.8194,
20.8708

■ 70.1190, 46.7763,
23.5746

■ 94.8720, 34.5731,
17.6523

■ 57.4490, 53.0226,
26.7932

■ 106.9550, 28.6162,
14.9485

■ 45.6650, 58.8322,
30.1118

■ 119.3260, 22.5173,
11.1151

■ 41.8330, 60.7213,
30.8415

■ 131.4090, 16.5604,
8.4113

■ 144.0790, 10.3141,
5.1927

■ 156.1620, 4.3571,
2.4889

■ 168.5330, -1.7418,
-1.3444

■ 180.6160, -7.6987,
-4.0482

■ 193.2860,
-13.9450, -7.2668

Harmonies

Analogous

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



70.4950, 59.4090, -61.8241



82.2020, 40.8194, 20.8708



60.9930, 28.1045, 85.9521

Triad

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



82.2020, 40.8194, 20.8708



77.0140, -37.9679, 44.7147



72.6760, 14.4567, -63.7369

Complementary

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



82.2020, 40.8194, 20.8708



136.7980, -40.8194, -20.8708

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.



64.8900, -10.2988, -56.9085



82.2020, 40.8194, 20.8708



75.0000, -36.9750, 6.1390

Square

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



82.2020, 40.8194, 20.8708



66.2480, -29.2093, 82.2205



56.9390, -28.0709, -49.9355



78.0170, 37.4596, -68.4209

Rectangle

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



82.2020, 40.8194, 20.8708



60.7760, 10.4634, 97.5434



56.9390, -28.0709, -49.9355



69.9230, 6.4470, -61.3225

Sweetspot

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



82.2020, 40.8194, 20.8708



181.8820, 15.8342, 7.9965



101.2870, 31.4105, -41.4707



87.5520, 9.5879, 4.7779



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



82.2020, 40.8194, 20.8708



84.9410, 63.6261, 32.5007



98.6470, 32.7120, 54.6836



75.2220, 3.3416, 1.5593



36.8620, 53.3120, 27.3080



4.4440, 6.6831, 3.1186

Inverse Universe

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



93.9150, 9.4089, 62.3415



103.2150, 14.6840, 97.1584



120.3530, -32.7120, -54.6836



76.2610, 0.8573, 5.0331



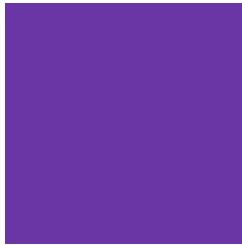
52.1330, 12.2594, 81.4444



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 82.2020, 40.8194, 20.8708 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 82.2020, 40.8194, 20.8708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

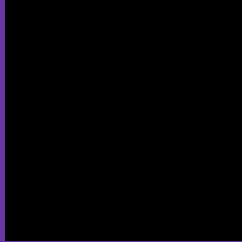
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.2020, 40.8194, 20.8708

Background



This preview shows how black text looks on a background with the YUV color 82.2020, 40.8194, 20.8708.



This preview shows how white text looks on a background with the YUV color 82.2020, 40.8194,

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

82.2020, 40.8194, 20.8708

Protanopia

65.5250, 50.5202, -57.4654

Deuteranopia

66.0660, 39.9005, -57.9399



Tritanopia

82.9730, 0.9993, 6.1627

Trichromacy



Original Color

82.2020, 40.8194, 20.8708

Protanomaly

71.7890, 46.9390, -28.7560

Deuteranomaly

72.0680, 40.3925, -29.0006

Tritanomaly

82.7900, 15.3865, 11.5852

Monochromacy



Original Color

82.2020, 40.8194, 20.8708

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.2410, 14.6712, 7.6816

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.2020, 40.8194, 20.8708 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(106, 54, 165)` looks like.

```
.text, #text, p{  
    color:rgb(106, 54, 165)  
}
```

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(106, 54, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 54, 165) }
```

Border

The CSS property to change the border of an element to YUV 82.2020, 40.8194, 20.8708 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(106, 54, 165) }
```


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

```
.border{ border-color:rgb(106, 54, 165) }
```

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

Here you see how a box with a 4 pixel rgb(106, 54, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 54, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 54, 165);  
box-shadow:4px 4px 4px 4px rgb(106, 54,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 82.2020, 40.8194, 20.8708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 54, 165) }
```

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

```
.background{ background-color: rgb(106, 54,  
165) }
```

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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