

Converting Colors

YUV(90.7410, 53.3717, 8.1201)

Have a look what the booklet for
YUV(90.7410, 53.3717, 8.1201)
contains.

YUV(90.7410, 53.3717, 8.1201)	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(90.7410, 53.3717,
8.1201)**

Conversions

Conversions Part 1

Format	Color
Hex	6441C7
RGB	100, 65, 199
RGB Percent	39%, 25%, 78%
CMY	0.6078, 0.7451, 0.2196
CMYK	0.50, 0.67, 0.00, 0.22
HSL	256°, 54%, 52%
HSV	256°, 67%, 78%
XYZ	17.4546, 10.6134, 55.1615
YIQ	90.7410, -22.1540, 49.0940

Conversions

Conversions Part 2

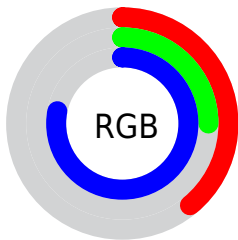
Format	Color
R_{YB}	100, 65, 199
Decimal	6570439
CIE _{Lab}	38.92, 47.47, -64.74
CIE _{LCh}	39, 80.283, 306.249
Yxy	10.6134, 0.2097, 0.1275
Android (android.graphics.Color)	4284760519 (0xFF6441C7)
YUV	90.7410, 53.3717, 8.1201
Hunter-Lab	32.5783, 38.6239, -77.5849

Details

The YUV color **90.7410, 53.3717, 8.1201** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **173.2590, -53.3717, -8.1201**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.8170, 54.8132, 12.4385**, and **36.2730, 53.1094, -1.1164** is the 20% darker color. If you saturate the color by 10%, you get **74.5160, 61.3706, 9.1945**, and if you desaturate by 10%, it is **106.9660, 45.3728, 7.0458**.

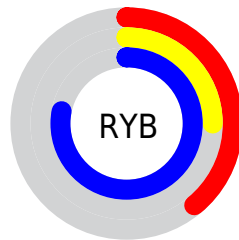
Distribution



Red (39%)

Green (25%)

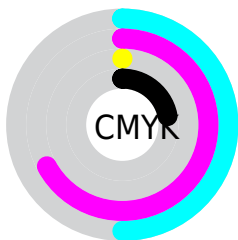
Blue (78%)



Red (39%)

Yellow (25%)

Blue (78%)

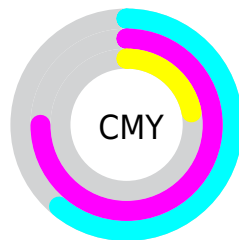


Cyan (50%)

Magenta (67%)

Yellow (0%)

Black (22%)



Cyan (61%)

Magenta (75%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.7410, 53.3717, 8.1201 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 90.7410, 53.3717, 8.1201 by changing the saturation by 10% instead.

■ 90.7410, 53.3717,
8.1201

■ 90.7410, 53.3717,
8.1201

■ 255.0000, 0.0000,
0.0000

■ 64.4910, 52.5089,
4.8314

■ 143.8170, 54.8132,
12.4385

■ 36.2730, 53.1094,
-1.1164

■ 168.0490, 42.8668,
17.4970

■ 13.3380, 51.1054,
-11.6974

■ 192.5690, 30.7785,
21.4260

■ 10.4880, 40.1854,
-9.1980

■ 217.9750, 18.2533,
25.4549

■ 11.7470, 27.2397,
-10.3021

■ 236.8030, 8.9711,
15.9588

■ 6.7770, 18.3509,
-5.9434

■ 253.8260, 0.5788,

■ 3.0950, 9.3202,

1.0296

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 90.7410, 53.3717,
8.1201

■ 90.7410, 53.3717,
8.1201

■ 74.5160, 61.3706,
9.1945

■ 106.9660, 45.3728,
7.0458

■ 58.5900, 69.2221,
10.8836

■ 122.8920, 37.5212,
5.3567

■ 42.3650, 77.2211,
11.9579

■ 139.1170, 29.5223,
4.2824

■ 38.2340, 79.2576,
12.0728

■ 155.3420, 21.5234,
3.2081

■ 171.5670, 13.5245,
2.1337

■ 186.9060, 5.9623,
0.9594

■ 203.1310, -2.0366,
-0.1149

■ 219.3560,
-10.0355, -1.1892

■ 235.2820,
-17.8870, -2.8783

Harmonies

Analogous

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



82.4750, 69.7718, -72.3306



90.7410, 53.3717, 8.1201



69.2680, 37.8289, 93.6040

Triad

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



90.7410, 53.3717, 8.1201



85.0760, -41.9425, 59.5693



80.5350, 11.5682, -70.6292

Complementary

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



90.7410, 53.3717, 8.1201



173.2590, -53.3717, -8.1201

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.



70.6800, -18.5762, -61.9864



90.7410, 53.3717, 8.1201



85.3770, -42.0909, 13.7014

Square

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



90.7410, 53.3717, 8.1201



58.0360, -20.7237, 113.9784



66.3860, -32.7283, -49.4505



87.8310, 39.5233, -77.0278

Rectangle

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



90.7410, 53.3717, 8.1201



70.3460, 16.0984, 110.1986



66.3860, -32.7283, -49.4505



77.3260, 1.8113, -67.8149

Sweetspot

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



90.7410, 53.3717, 8.1201



213.7010, 20.3604, 2.8932



139.5630, 29.3024, -65.3918



102.9260, 12.3615, 1.8189



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.



90.7410, 53.3717, 8.1201



87.7440, 82.4572, 12.5025



110.4750, 43.6428, 48.6954



91.6240, 3.6364, 0.3298



31.4390, 64.8596, 10.1390



6.7950, 14.3981, 1.9338

Inverse Universe

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



116.3520, 23.4905, 72.4823



127.3350, 36.3168, 111.9622



153.8240, -43.7902, -48.0806



93.4890, 1.7309, 4.8331



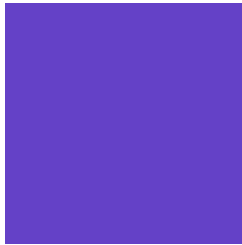
62.5310, 28.8252, 88.1113



13.7280, 6.0501, 19.5325

Previews

White Background



This preview shows how the YUV color 90.7410, 53.3717, 8.1201 looks on a white background.

Color Contrast Check

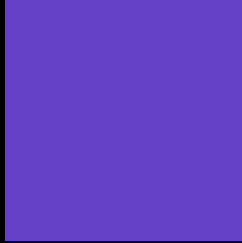
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 90.7410, 53.3717, 8.1201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

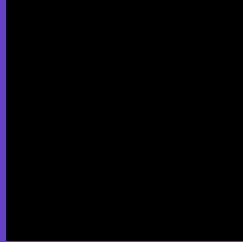
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.7410, 53.3717, 8.1201

Background



This preview shows how black text looks on a background with the YUV color 90.7410, 53.3717, 8.1201.



This preview shows how white text looks on a background with the YUV color 90.7410, 53.3717,

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

90.7410, 53.3717, 8.1201

Protanopia

72.9740, 56.2148, -63.9982

Deuteranopia

73.5320, 43.1217, -64.4876



Tritanopia

89.0350, 6.8847, -14.9397

Trichromacy



Original Color

90.7410, 53.3717, 8.1201

Protanomaly

79.4980, 54.9705, -38.1477

Deuteranomaly

79.4350, 47.1135, -38.0925

Tritanomaly

89.5580, 23.8819, -6.6284

Monochromacy



Original Color

90.7410, 53.3717, 8.1201

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.0600, 19.1974, 2.5784

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.7410, 53.3717, 8.1201 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(100, 65, 199)` looks like.

```
.text, #text, p{  
    color:rgb(100, 65, 199)  
}
```

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(100, 65, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 65, 199) }
```

Border

The CSS property to change the border of an element to YUV 90.7410, 53.3717, 8.1201 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(100, 65, 199) }
```


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

```
.border{ border-color:rgb(100, 65, 199) }
```

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

Here you see how a box with a 4 pixel rgb(100, 65, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 65, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 65, 199);  
box-shadow:4px 4px 4px 4px rgb(100, 65,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 90.7410, 53.3717, 8.1201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 65, 199) }
```

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

```
.background{ background-color: rgb(100, 65,  
199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor