

Converting Colors

YUV(91.5490, 24.3793, 20.5665)

Have a look what the booklet for
YUV(91.5490, 24.3793, 20.5665)
contains.

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Color

**YUV(91.5490, 24.3793,
20.5665)**

Conversions

Conversions Part 1

Format	Color
Hex	73468D
RGB	115, 70, 141
RGB Percent	45%, 27%, 55%
CMY	0.5490, 0.7255, 0.4471
CMYK	0.18, 0.50, 0.00, 0.45
HSL	278°, 34%, 41%
HSV	278°, 50%, 55%
XYZ	14.0681, 9.9482, 26.3780
YIQ	91.5490, 4.0290, 31.6210

Conversions

Conversions Part 2

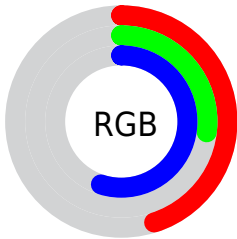
Format	Color
R_{YB}	115, 70, 141
Decimal	7554701
CIE _{Lab}	37.75, 32.81, -32.01
CIE _{LCh}	38, 45.834, 315.708
Yxy	9.9482, 0.2792, 0.1974
Android (android.graphics.Color)	4285744781 (0xFF73468D)
YUV	91.5490, 24.3793, 20.5665
Hunter-Lab	31.5408, 24.4196, -27.5065

Details

The YUV color **91.5490, 24.3793, 20.5665** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **119.4510, -24.3793, -20.5665**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.9020, 25.6843, 22.0109**, and **42.8970, 23.2218, 18.5073** is the 20% darker color. If you saturate the color by 10%, you get **81.8360, 29.1679, 24.6998**, and if you desaturate by 10%, it is **101.2620, 19.5908, 16.4332**.

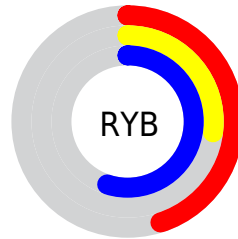
Distribution



Red (45%)

Green (27%)

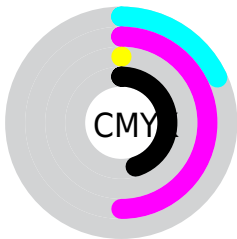
Blue (55%)



Red (45%)

Yellow (27%)

Blue (55%)

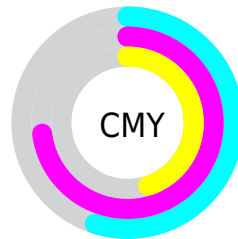


Cyan (18%)

Magenta (50%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (73%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.5490, 24.3793, 20.5665 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 91.5490, 24.3793, 20.5665 by changing the saturation by 10% instead.

91.5490, 24.3793,
20.5665

91.5490, 24.3793,
20.5665

255.0000, 0.0000,
0.0000

66.7230, 23.8006,
19.5369

142.9020, 25.6843,
22.0109

42.8970, 23.2218,
18.5073

169.7280, 26.2631,
23.0405

19.4840, 22.9324,
17.9925

197.5540, 26.8419,
24.0701

10.6970, 16.4184,
7.2817

222.4160, 16.0639,
27.6992

3.0950, 9.3202,
-2.7143

239.7380, 7.5242,
13.3848

0.0000, 0.0000,
0.0000

91.5490, 24.3793,
20.5665

91.5490, 24.3793,
20.5665

81.8360, 29.1679,
24.6998

101.2620, 19.5908,
16.4332

72.1230, 33.9564,
28.8331

110.9750, 14.8023,
12.2999

62.4100, 38.7449,
32.9664

120.6880, 10.0138,
8.1666

52.3980, 43.6808,
36.4850

130.7000, 5.0779,
4.6481

42.6850, 48.4693,
40.6183


141.0000, 0.0000,
0.0000

150.7130, -4.7885,
-4.1333

160.4260, -9.5770,
-8.2666

170.1390,

-14.3655, -12.3999

 179.8520,
-19.1540, -16.5332

Harmonies

Analogous

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



83.7860, 38.0665, -29.6303



91.5490, 24.3793, 20.5665



88.2510, 9.7363, 50.6459

Triad

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



91.5490, 24.3793, 20.5665



84.7090, -38.8035, 32.7042



74.5340, 16.4987, -65.3663

Complementary

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



91.5490, 24.3793, 20.5665



119.4510, -24.3793, -20.5665

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.



69.5010, -0.2470, -60.9524



91.5490, 24.3793, 20.5665



81.4300, -39.1590, 6.6389

Square

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



91.5490, 24.3793, 20.5665



85.7280, -24.0229, 51.9815



76.5040, -21.4475, -27.6290



77.1220, 31.4919, -67.6360

Rectangle

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



91.5490, 24.3793, 20.5665



85.7440, -1.3528, 60.7375



76.5040, -21.4475, -27.6290



73.0520, 10.8204, -64.0666

Sweetspot

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



91.5490, 24.3793, 20.5665



164.5740, 9.5770, 8.2666



93.3560, 23.4885, -20.4832



80.2270, 5.8041, 5.0629



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



91.5490, 24.3793, 20.5665



106.5840, 38.1661, 31.9368



98.2970, 16.6156, 37.4505



66.2930, 2.3206, 2.3740



41.1040, 46.2907, 39.3738



2.4070, 2.7573, 2.2741

Inverse Universe

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



94.1930, 0.8909, 41.0497



110.8630, 1.5465, 64.1411



112.7030, -16.6156, -37.4505



66.4350, 0.2785, 4.0035



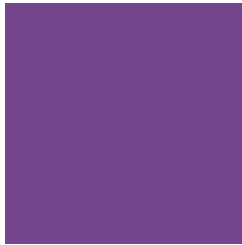
45.9510, 1.5032, 78.0960



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 91.5490, 24.3793, 20.5665 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 91.5490, 24.3793, 20.5665 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 91.5490, 24.3793, 20.5665

Background



This preview shows how black text looks on a background with the YUV color 91.5490, 24.3793, 20.5665.



This preview shows how white text looks on a background with the YUV color 91.5490, 24.3793,

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

91.5490, 24.3793, 20.5665

Protanopia

86.0100, 34.9981, -25.4418

Deuteranopia

87.2960, 24.5041, -19.5536



Tritanopia

90.8600, -0.9170, 14.1548

Trichromacy



Original Color

91.5490, 24.3793, 20.5665

Protanomaly

88.0830, 31.0181, -8.8428

Deuteranomaly

88.6830, 24.3133, -4.9840

Tritanomaly

90.9880, 8.3869, 16.6735

Monochromacy



Original Color

91.5490, 24.3793, 20.5665

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.7480, 8.9982, 7.2370

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.5490, 24.3793, 20.5665 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(115, 70, 141)` looks like.

```
.text, #text, p{  
    color:rgb(115, 70, 141)  
}
```

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(115, 70, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 70, 141) }
```

Border

The CSS property to change the border of an element to YUV 91.5490, 24.3793, 20.5665 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(115, 70, 141) }
```


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

```
.border{ border-color:rgb(115, 70, 141) }
```

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

Here you see how a box with a 4 pixel rgb(115, 70, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 70, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 70, 141);  
box-shadow:4px 4px 4px 4px rgb(115, 70,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 91.5490, 24.3793, 20.5665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 70, 141) }
```

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

```
.background{ background-color: rgb(115, 70,  
141) }
```

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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