

Converting Colors

YUV(92.5710, 20.9175, 10.9002)

Have a look what the booklet for
YUV(92.5710, 20.9175, 10.9002)
contains.

YUV(92.5710, 20.9175, 10.9002)	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(92.5710, 20.9175,
10.9002)**

Conversions

Conversions Part 1

Format	Color
Hex	694E87
RGB	105, 78, 135
RGB Percent	41%, 31%, 53%
CMY	0.5882, 0.6941, 0.4706
CMYK	0.22, 0.42, 0.00, 0.47
HSL	268°, 27%, 42%
HSV	268°, 42%, 53%
XYZ	12.9233, 10.2013, 24.2096
YIQ	92.5710, -2.2050, 23.4510

Conversions

Conversions Part 2

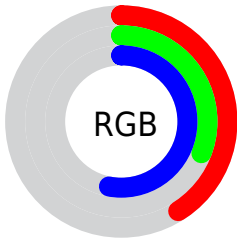
Format	Color
R_{YB}	105, 78, 135
Decimal	6901383
CIE _{Lab}	38.20, 23.48, -27.71
CIE _{LCh}	38, 36.323, 310.274
Yxy	10.2013, 0.2730, 0.2155
Android (android.graphics.Color)	4285091463 (0xFF694E87)
YUV	92.5710, 20.9175, 10.9002
Hunter-Lab	31.9395, 16.3301, -22.5832

Details

The YUV color **92.5710, 20.9175, 10.9002** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **120.4290, -20.9175, -10.9002**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.6250, 22.3699, 11.7299**, and **45.8050, 19.3231, 8.9410** is the 20% darker color. If you saturate the color by 10%, you get **82.8470, 25.7114, 13.2892**, and if you desaturate by 10%, it is **102.8820, 15.8342, 7.9965**.

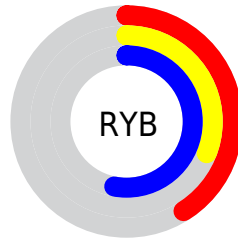
Distribution



Red (41%)

Green (31%)

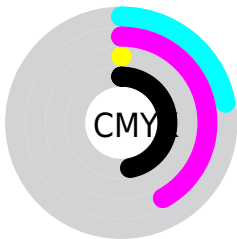
Blue (53%)



Red (41%)

Yellow (31%)

Blue (53%)

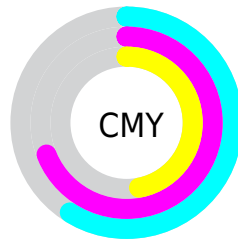


Cyan (22%)

Magenta (42%)

Yellow (0%)

Black (47%)



Cyan (59%)

Magenta (69%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.5710, 20.9175, 10.9002 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 92.5710, 20.9175, 10.9002 by changing the saturation by 10% instead.

■ 92.5710, 20.9175,
10.9002

■ 92.5710, 20.9175,
10.9002

■ 255.0000, 0.0000,
0.0000

■ 68.6310, 19.9019,
9.9706

■ 143.6250, 22.3699,
11.7299

■ 45.8050, 19.3231,
8.9410

■ 170.3370, 22.5119,
12.8595

■ 23.5660, 18.4550,
7.3966

■ 197.8640, 23.2380,
13.2743

■ 7.1370, 15.7085,
1.6339

■ 223.2250, 15.6651,
15.5887

■ 2.5250, 7.1362,
-2.2144

■ 244.4340, 5.2090,
9.2664

■ 0.0000, 0.0000,
0.0000

■ 92.5710, 20.9175,
10.9002

■ 92.5710, 20.9175,
10.9002

■ 82.8470, 25.7114,
13.2892

■ 102.8820, 15.8342,
7.9965

■ 72.5360, 30.7948,
16.1929

■ 112.6060, 11.0402,
5.6075

■ 62.8120, 35.5887,
18.5819

■ 122.9170, 5.9569,
2.7038

■ 52.5010, 40.6720,
21.4856

■ 132.6410, 1.1630,
0.3148

■ 42.4780, 45.6133,
23.2598

■ 143.2510, -4.0677,
-1.9741


■ 34.5260, 49.5337,
25.8487

■ 152.9750, -8.8617,
-4.3631

■ 163.2860,
-13.9450, -7.2668

■ 173.0100,

-18.7389, -9.6558

 183.3210,
-23.8223, -12.5595

Harmonies

Analogous

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



86.1470, 30.4935, -27.3159



92.5710, 20.9175, 10.9002



91.6360, 9.0535, 36.2762

Triad

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



92.5710, 20.9175, 10.9002



87.7870, -27.0100, 30.0048



72.9210, 12.8569, -63.9517

Complementary

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



92.5710, 20.9175, 10.9002



120.4290, -20.9175, -10.9002

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.



70.7190, -0.8475, -55.0046



92.5710, 20.9175, 10.9002



86.1990, -28.6921, 9.4725

Square

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



92.5710, 20.9175, 10.9002



88.6930, -17.5966, 44.1192



82.4500, -19.4489, -15.3037



74.9390, 25.6661, -65.7215

Rectangle

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



92.5710, 20.9175, 10.9002



90.6990, 0.1484, 45.8680



82.4500, -19.4489, -15.3037



71.1940, 8.7784, -62.4371

Sweetspot

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



92.5710, 20.9175, 10.9002



158.9110, 8.4249, 4.4631



102.1080, 16.2158, -21.1427



78.6890, 5.0833, 2.9037



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



92.5710, 20.9175, 10.9002



109.1170, 32.9733, 17.4374



100.9430, 16.7901, 28.1140



61.5810, 2.1786, 1.2445



33.3580, 47.6445, 25.1190



0.6410, 1.1630, 0.3148

Inverse Universe

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



98.4630, 4.7017, 32.0429



118.2680, 7.2629, 50.6310



112.0570, -16.7901, -28.1140



62.1360, 0.4260, 3.3887



46.6220, 10.5394, 73.1225



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 92.5710, 20.9175, 10.9002 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 92.5710, 20.9175, 10.9002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

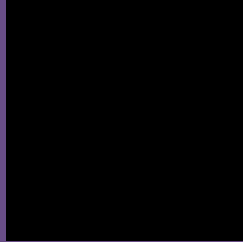
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.5710, 20.9175, 10.9002

Background



This preview shows how black text looks on a background with the YUV color 92.5710, 20.9175, 10.9002.



This preview shows how white text looks on a background with the YUV color 92.5710, 20.9175,

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

92.5710, 20.9175, 10.9002

Protanopia

88.7030, 27.2614, -17.2795

Deuteranopia

89.5200, 21.4356, -15.3650



Tritanopia

91.0870, 1.4361, 6.0627

Trichromacy



Original Color

92.5710, 20.9175, 10.9002

Protanomaly

89.9000, 25.1923, -6.9283

Deuteranomaly

90.8740, 21.2611, -6.0285

Tritanomaly

91.9330, 8.4140, 7.9518

Monochromacy



Original Color

92.5710, 20.9175, 10.9002

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.9710, 7.4093, 3.5334

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.5710, 20.9175, 10.9002 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(105, 78, 135)` looks like.

```
.text, #text, p{  
    color:rgb(105, 78, 135)  
}
```

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(105, 78, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 78, 135) }
```

Border

The CSS property to change the border of an element to YUV 92.5710, 20.9175, 10.9002 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(105, 78, 135) }
```


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

```
.border{ border-color:rgb(105, 78, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 78, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 78, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 78, 135);  
box-shadow:4px 4px 4px 4px rgb(105, 78,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 92.5710, 20.9175, 10.9002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 78, 135) }
```

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

```
.background{ background-color: rgb(105, 78,  
135) }
```

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