

Converting Colors

YUV(92.5520, 33.2519, 21.4409)

Have a look what the booklet for
YUV(92.5520, 33.2519, 21.4409)
contains.

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Color

**YUV(92.5520, 33.2519,
21.4409)**

Conversions

Conversions Part 1

Format	Color
Hex	7543A0
RGB	117, 67, 160
RGB Percent	46%, 26%, 63%
CMY	0.5412, 0.7373, 0.3725
CMYK	0.27, 0.58, 0.00, 0.37
HSL	272°, 41%, 45%
HSV	272°, 58%, 63%
XYZ	15.6884, 10.3343, 34.4255
YIQ	92.5520, -0.0530, 39.5230

Conversions

Conversions Part 2

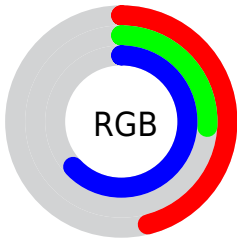
Format	Color
R_{YB}	117, 67, 160
Decimal	7685024
CIE _{Lab}	38.44, 39.64, -42.40
CIE _{LCh}	38, 58.038, 313.074
Yxy	10.3343, 0.2595, 0.1710
Android (android.graphics.Color)	4285875104 (0xFF7543A0)
YUV	92.5520, 33.2519, 21.4409
Hunter-Lab	32.1470, 30.8547, -40.9896

Details

The YUV color **92.5520, 33.2519, 21.4409** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **134.4480, -33.2519, -21.4409**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.6170, 34.6988, 24.0149**, and **42.3130, 32.3837, 19.8965** is the 20% darker color. If you saturate the color by 10%, you get **81.0670, 38.9140, 25.3742**, and if you desaturate by 10%, it is **104.0370, 27.5898, 17.5076**.

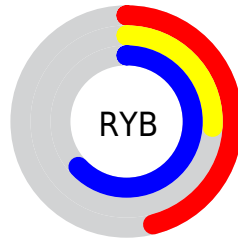
Distribution



Red (46%)

Green (26%)

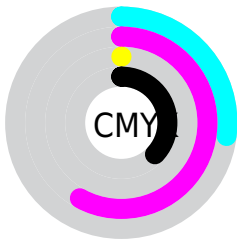
Blue (63%)



Red (46%)

Yellow (26%)

Blue (63%)

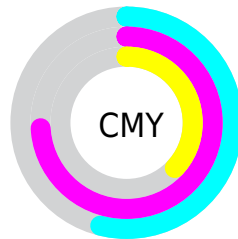


Cyan (27%)

Magenta (58%)

Yellow (0%)

Black (37%)



Cyan (54%)

Magenta (74%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.5520, 33.2519, 21.4409 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 92.5520, 33.2519, 21.4409 by changing the saturation by 10% instead.

92.5520, 33.2519,
21.4409

92.5520, 33.2519,
21.4409

255.0000, 0.0000,
0.0000

67.6120, 32.2363,
20.5113

144.6170, 34.6988,
24.0149

42.3130, 32.3837,
19.8965

171.5570, 35.7144,
24.9445

20.8240, 30.6528,
15.0634

197.3310, 28.4308,
27.7737

11.5100, 23.4126,
3.9377

221.5410, 16.4953,
29.3435

5.2780, 15.1459,
-4.6288

237.9770, 8.3923,
14.9292

1.4820, 5.6784,
-1.2997

0.0000, 0.0000,

0.0000

■ 92.5520, 33.2519,
21.4409

■ 92.5520, 33.2519,
21.4409

■ 81.0670, 38.9140,
25.3742

■ 104.0370, 27.5898,
17.5076

■ 69.2830, 44.7235,
28.6928

■ 115.8210, 21.7802,
14.1890

■ 57.7980, 50.3856,
32.6262

■ 127.3060, 16.1181,
10.2556

■ 46.0140, 56.1951,
35.9447

■ 139.0900, 10.3086,
6.9371

■ 43.9540, 57.2107,
36.8743

■ 150.5750, 4.6465,
3.0037

■ 162.0600, -1.0156,
-0.9296

■ 173.8440, -6.8251,
-4.2482

■ 185.3290,
-12.4872, -8.1815

■ 197.1130,
-18.2967, -11.5001

Harmonies

Analogous

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



73.1050, 54.1782, -64.1131



92.5520, 33.2519, 21.4409



84.8860, 16.8182, 65.8750

Triad

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



92.5520, 33.2519, 21.4409



85.2540, -42.0302, 40.9962



77.8110, 16.3622, -68.2402

Complementary

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



92.5520, 33.2519, 21.4409



134.4480, -33.2519, -21.4409

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.



70.9370, -4.8989, -62.2117



92.5520, 33.2519, 21.4409



82.9740, -40.9062, 7.0388

Square

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



92.5520, 33.2519, 21.4409



83.5020, -27.8555, 67.9657



71.7730, -32.9191, -34.8809



82.1260, 35.4339, -72.0245

Rectangle

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



92.5520, 33.2519, 21.4409



79.3580, 4.2605, 80.3700



71.7730, -32.9191, -34.8809



75.8730, 8.9366, -66.5406

Sweetspot

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



92.5520, 33.2519, 21.4409



183.6710, 12.4872, 8.1815



102.8430, 28.1784, -31.4343



89.6830, 7.5513, 4.6630



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



92.5520, 33.2519, 21.4409



102.9660, 52.2748, 33.3558



105.0670, 25.6030, 48.1762



73.1080, 2.9048, 1.6593



39.3250, 51.1118, 33.0410



4.1020, 5.3727, 3.4185

Inverse Universe

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



99.7090, 5.0735, 52.8752



114.2920, 7.7440, 83.0589



121.9330, -25.6030, -48.1762



73.8480, 0.5679, 4.5183



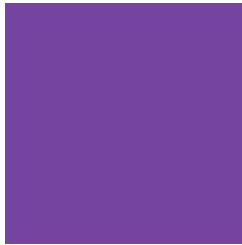
50.2810, 7.7495, 81.3146



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 92.5520, 33.2519, 21.4409 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 92.5520, 33.2519, 21.4409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

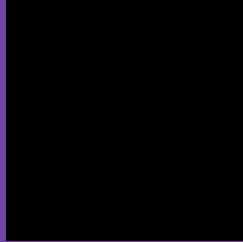
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.5520, 33.2519, 21.4409

Background



This preview shows how black text looks on a background with the YUV color 92.5520, 33.2519, 21.4409.



This preview shows how white text looks on a background with the YUV color 92.5520, 33.2519,

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

92.5520, 33.2519, 21.4409

Protanopia

80.6620, 49.4666, -46.1846

Deuteranopia

84.5310, 34.7412, -36.4227



Tritanopia

91.7780, 0.1094, 11.5957

Trichromacy



Original Color

92.5520, 33.2519, 21.4409

Protanomaly

84.6220, 43.5704, -21.5935

Deuteranomaly

87.5490, 34.2393, -15.3905

Tritanomaly

91.7150, 12.4655, 15.1589

Monochromacy



Original Color

92.5520, 33.2519, 21.4409

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.1440, 11.7610, 7.7667

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.5520, 33.2519, 21.4409 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(117, 67, 160)` looks like.

```
.text, #text, p{  
    color:rgb(117, 67, 160)  
}
```

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(117, 67, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 67, 160) }
```

Border

The CSS property to change the border of an element to YUV 92.5520, 33.2519, 21.4409 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(117, 67, 160) }
```


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

```
.border{ border-color:rgb(117, 67, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 67, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 67, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 67, 160);  
box-shadow:4px 4px 4px 4px rgb(117, 67,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 92.5520, 33.2519, 21.4409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 67, 160) }
```

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

```
.background{ background-color: rgb(117, 67,  
160) }
```

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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