

Converting Colors

YUV(95.7590, 32.6568, 25.6444)

Have a look what the booklet for
YUV(95.7590, 32.6568, 25.6444)
contains.

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Color

**YUV(95.7590, 32.6568,
25.6444)**

Conversions

Conversions Part 1

Format	Color
Hex	7D44A2
RGB	125, 68, 162
RGB Percent	49%, 27%, 64%
CMY	0.5098, 0.7333, 0.3647
CMYK	0.23, 0.58, 0.00, 0.36
HSL	276°, 41%, 45%
HSV	276°, 58%, 64%
XYZ	17.0462, 11.1029, 35.4271
YIQ	95.7590, 3.7980, 41.3180

Conversions

Conversions Part 2

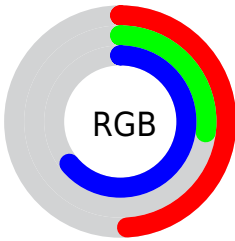
Format	Color
R_{YB}	125, 68, 162
Decimal	8209570
CIE _{Lab}	39.75, 41.65, -41.43
CIE _{LCh}	40, 58.750, 315.152
Yxy	11.1029, 0.2681, 0.1746
Android (android.graphics.Color)	4286399650 (0xFF7D44A2)
YUV	95.7590, 32.6568, 25.6444
Hunter-Lab	33.3209, 33.0045, -39.7129

Details

The YUV color **95.7590, 32.6568, 25.6444** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **134.2410, -32.6568, -25.6444**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.4110, 33.8144, 27.7036**, and **44.6340, 32.2254, 24.0000** is the 20% darker color. If you saturate the color by 10%, you get **84.5730, 38.1715, 30.1925**, and if you desaturate by 10%, it is **106.9450, 27.1421, 21.0962**.

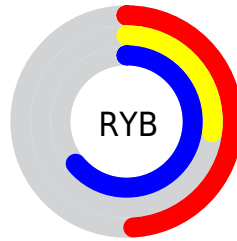
Distribution



Red (49%)

Green (27%)

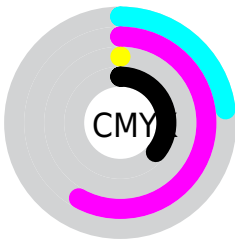
Blue (64%)



Red (49%)

Yellow (27%)

Blue (64%)

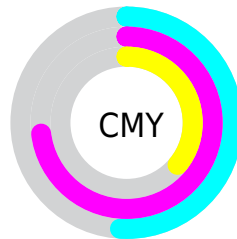


Cyan (23%)

Magenta (58%)

Yellow (0%)

Black (36%)



Cyan (51%)

Magenta (73%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.7590, 32.6568, 25.6444 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 95.7590, 32.6568, 25.6444 by changing the saturation by 10% instead.

■ 95.7590, 32.6568,
25.6444

■ 95.7590, 32.6568,
25.6444

■ 255.0000, 0.0000,
0.0000

■ 69.9330, 32.0780,
24.6148

■ 148.4110, 33.8144,
27.7036

■ 44.6340, 32.2254,
24.0000

■ 175.3510, 34.8300,
28.6332

■ 23.7430, 30.1997,
20.3964

■ 200.8970, 26.6728,
31.6623

■ 14.7280, 22.8121,
9.8855

■ 222.7150, 15.9165,
28.3139

■ 6.0930, 15.7302,
-5.3436

■ 239.1510, 7.8136,
13.8996

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 95.7590, 32.6568,
25.6444

■ 95.7590, 32.6568,
25.6444

■ 84.5730, 38.1715,
30.1925

■ 106.9450, 27.1421,
21.0962

■ 73.0880, 43.8336,
34.1258

■ 118.4300, 21.4800,
17.1629

■ 61.3150, 49.6377,
39.1887

■ 130.2030, 15.6759,
12.1000

■ 49.8300, 55.2998,
43.1221

■ 141.6880, 10.0138,
8.1666

■ 47.7700, 56.3154,
44.0517

■ 152.8740, 4.4991,
3.6185

■ 164.0600, -1.0156,
-0.9296

■ 175.5450, -6.6777,
-4.8630

■ 187.3180,
-12.4818, -9.9259

■ 198.5040,
-17.9965, -14.4740

Harmonies

Analogous

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



74.7350, 55.3466, -65.5426



95.7590, 32.6568, 25.6444



87.9680, 15.7918, 68.4341

Triad

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



95.7590, 32.6568, 25.6444



88.4880, -43.6246, 39.0370



80.8430, 17.8254, -70.8993

Complementary

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



95.7590, 32.6568, 25.6444



134.2410, -32.6568, -25.6444

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.



73.9690, -3.4357, -64.8708



95.7590, 32.6568, 25.6444



85.3220, -42.0637, 4.9796

Square

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



95.7590, 32.6568, 25.6444



86.6330, -29.8921, 67.8509



73.3640, -29.2665, -39.7842



84.6850, 37.6233, -74.2687

Rectangle

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



95.7590, 32.6568, 25.6444



82.6140, 2.6553, 81.8995



73.3640, -29.2665, -39.7842



79.0190, 10.8366, -69.2997

Sweetspot

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



95.7590, 32.6568, 25.6444



186.3830, 12.6292, 9.3111



101.0220, 30.0622, -28.9603



92.2810, 7.2565, 5.8926



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.



95.7590, 32.6568, 25.6444



106.8960, 51.8163, 40.4332



105.7960, 23.2716, 49.2909



75.5210, 3.1941, 2.1741



42.8420, 50.3639, 39.6036



5.3410, 6.2409, 4.9629

Inverse Universe

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



100.3240, 2.3053, 54.0899



114.2770, 3.8074, 85.7031



124.2040, -23.2716, -49.2909



76.1470, 0.4205, 5.1331



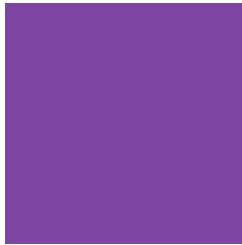
49.8530, 3.5235, 83.4439



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 95.7590, 32.6568, 25.6444 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 95.7590, 32.6568, 25.6444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

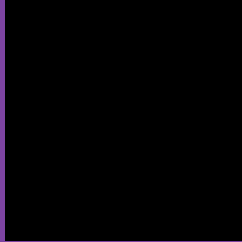
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.7590, 32.6568, 25.6444

Background



This preview shows how black text looks on a background with the YUV color 95.7590, 32.6568, 25.6444.



This preview shows how white text looks on a background with the YUV color 95.7590, 32.6568,

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

95.7590, 32.6568, 25.6444

Protanopia

84.9720, 49.3138, -43.8254

Deuteranopia

89.2110, 33.4200, -32.6340



Tritanopia

95.7570, -1.3592, 15.9991

Trichromacy



Original Color

95.7590, 32.6568, 25.6444

Protanomaly

89.2310, 43.2701, -18.6196

Deuteranomaly

91.6420, 33.2075, -11.0870

Tritanomaly

95.6940, 10.9969, 19.5624

Monochromacy



Original Color

95.7590, 32.6568, 25.6444

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1550, 11.7556, 9.5111

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.7590, 32.6568, 25.6444 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(125, 68, 162)` looks like.

```
.text, #text, p{  
    color:rgb(125, 68, 162)  
}
```

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(125, 68, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 68, 162) }
```

Border

The CSS property to change the border of an element to YUV 95.7590, 32.6568, 25.6444 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(125, 68, 162) }
```


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

```
.border{ border-color:rgb(125, 68, 162) }
```

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

Here you see how a box with a 4 pixel rgb(125, 68, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 68, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 68, 162);  
box-shadow:4px 4px 4px 4px rgb(125, 68,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 95.7590, 32.6568, 25.6444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 68, 162) }
```

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

```
.background{ background-color: rgb(125, 68,  
162) }
```

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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