

Converting Colors

YUV(52.6450, 32.2200, 25.7443)

Have a look what the booklet for
YUV(52.6450, 32.2200, 25.7443)
contains.

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Color

**YUV(52.6450, 32.2200,
25.7443)**

Conversions

Conversions Part 1

Format	Color
Hex	521976
RGB	82, 25, 118
RGB Percent	32%, 10%, 46%
CMY	0.6784, 0.9020, 0.5373
CMYK	0.31, 0.79, 0.00, 0.54
HSL	277°, 65%, 28%
HSV	277°, 79%, 46%
XYZ	7.0973, 3.7971, 17.4984
YIQ	52.6450, 4.1190, 41.0070

Conversions

Conversions Part 2

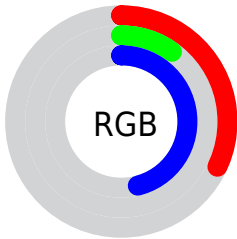
Format	Color
R_{YB}	82, 25, 118
Decimal	5380470
CIE _{Lab}	22.99, 42.49, -41.51
CIE _{LCh}	23, 59.407, 315.668
Yxy	3.7971, 0.2500, 0.1337
Android (android.graphics.Color)	4283570550 (0xFF521976)
YUV	52.6450, 32.2200, 25.7443
Hunter-Lab	19.4862, 30.9131, -39.6015

Details

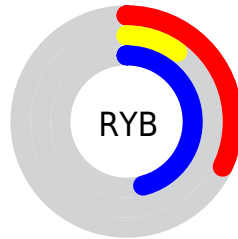
The YUV color **52.6450, 32.2200, 25.7443** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **90.3550, -32.2200, -25.7443**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.8840, 33.0882, 27.2887**, and **17.4340, 25.4220, 12.7744** is the 20% darker color. If you saturate the color by 10%, you get **44.1060, 36.4297, 28.8480**, and if you desaturate by 10%, it is **61.1840, 28.0103, 22.6406**.

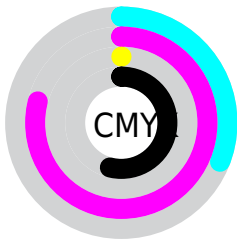
Distribution



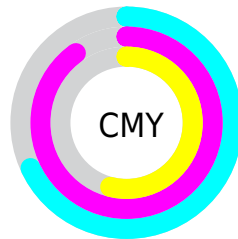
- Red (32%)
- Green (10%)
- Blue (46%)



- Red (32%)
- Yellow (10%)
- Blue (46%)



- Cyan (31%)
- Magenta (79%)
- Yellow (0%)
- Black (54%)



- Cyan (68%)
- Magenta (90%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.6450, 32.2200, 25.7443 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 52.6450, 32.2200, 25.7443 by changing the saturation by 10% instead.

■ 52.6450, 32.2200,
25.7443

■ 52.6450, 32.2200,
25.7443

■ 255.0000, 0.0000,
0.0000

■ 27.3460, 32.3674,
25.1296

■ 103.8840, 33.0882,
27.2887

■ 17.4340, 25.4220,
12.7744

■ 129.8240, 34.1038,
28.2184

■ 5.2440, 20.0927,
-4.5990

■ 156.6500, 34.6826,
29.2480

■ 3.3230, 10.1938,
-2.9143

■ 184.3620, 34.8245,
30.3775

■ 0.0000, 0.0000,
0.0000

■ 208.8820, 22.7362,
34.3065

■ 227.4110, 13.6014,

24.1956

244.4340, 5.2090,
9.2664

52.6450, 32.2200,
25.7443

52.6450, 32.2200,
25.7443

44.1060, 36.4297,
28.8480

61.1840, 28.0103,
22.6406

35.8660, 40.4921,
32.5665

69.4240, 23.9480,
18.9222

34.9800, 40.9289,
32.4665

77.3760, 20.0276,
16.3332

85.6160, 15.9653,
12.6148

94.1550, 11.7556,
9.5111

■ 102.3950, 7.6933,
5.7926

■ 110.9340, 3.4835,
2.6889

■ 118.8860, -0.4368,
0.1000

■ 127.1260, -4.4991,
-3.6185

Harmonies

Analogous

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



47.2990, 46.6876, -41.4812



52.6450, 32.2200, 25.7443



44.7720, 16.3814, 65.9750

Triad

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



52.6450, 32.2200, 25.7443



52.1290, -25.6996, 29.7049



51.1560, 13.2341, -44.8638

Complementary

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



52.6450, 32.2200, 25.7443



90.3550, -32.2200, -25.7443

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.



44.6240, -6.7166, -39.1352



52.6450, 32.2200, 25.7443



49.2730, -24.2916, -1.9934

Square

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



52.6450, 32.2200, 25.7443



40.5430, -19.9877, 64.4218



39.3290, -19.3892, -34.4915



55.2430, 31.4322, -48.4481

Rectangle

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



52.6450, 32.2200, 25.7443



43.8580, 2.5350, 73.7925



39.3290, -19.3892, -34.4915



49.4460, 6.6821, -43.3641

Sweetspot

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



52.6450, 32.2200, 25.7443



127.0950, 12.7712, 10.4407



57.3210, 29.9147, -28.3455



60.8080, 7.9827, 6.3074



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



52.6450, 32.2200, 25.7443



51.1410, 50.2165, 40.2183



62.3830, 22.9822, 48.7761



54.5810, 2.1786, 1.2445



36.3330, 42.2338, 33.9110



74.2470, 86.6462, 69.0664

Inverse Universe

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



56.9110, 2.0159, 53.5751



57.7390, 3.0867, 83.5439



80.6170, -22.9822, -48.7761



55.0220, -0.0108, 3.4887



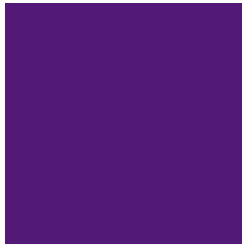
41.8360, 2.5459, 70.3038



85.8080, 5.5177, 143.9964

Previews

White Background



This preview shows how the YUV color 52.6450, 32.2200, 25.7443 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 52.6450, 32.2200, 25.7443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

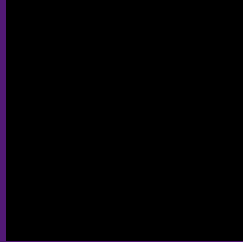
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.6450, 32.2200, 25.7443

Background



This preview shows how black text looks on a background with the YUV color 52.6450, 32.2200, 25.7443.



This preview shows how white text looks on a background with the YUV color 52.6450, 32.2200,

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

52.6450, 32.2200, 25.7443

Protanopia

44.6940, 34.1679, -39.1966

Tritanopia

56.7350, -1.3484, 12.5104

Trichromacy



Original Color

52.6450, 32.2200, 25.7443

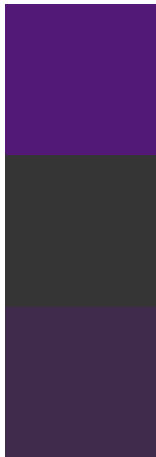
Protanomaly

47.3210, 33.3657, -15.1905

Tritanomaly

55.2700, 10.7129, 17.3032

Monochromacy



Original Color

52.6450, 32.2200, 25.7443

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.1550, 11.7556, 9.5111

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.6450, 32.2200, 25.7443 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(82, 25, 118)` looks like.

```
.text, #text, p{  
    color:rgb(82, 25, 118)  
}
```

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(82, 25, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 25, 118) }
```

Border

The CSS property to change the border of an element to YUV 52.6450, 32.2200, 25.7443 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(82, 25, 118) }
```

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

```
.border{ border-color:rgb(82, 25, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 25, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 25, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 25, 118);  
box-shadow:4px 4px 4px 4px rgb(82, 25,  
118) }
```


Background

The CSS property to change the background color of an element to YUV 52.6450, 32.2200, 25.7443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 25, 118) }
```

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

```
.background{ background-color: rgb(82, 25,  
118) }
```

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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