

Converting Colors

YUV(60.7330, 25.2746, 13.3892)

Have a look what the booklet for
YUV(60.7330, 25.2746, 13.3892)
contains.

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Color

**YUV(60.7330, 25.2746,
13.3892)**

Conversions

Conversions Part 1

Format	Color
Hex	4C2B70
RGB	76, 43, 112
RGB Percent	30%, 17%, 44%
CMY	0.7020, 0.8314, 0.5608
CMYK	0.32, 0.62, 0.00, 0.56
HSL	269°, 45%, 30%
HSV	269°, 62%, 44%
XYZ	6.7690, 4.4341, 15.8283
YIQ	60.7330, -2.4810, 28.4550

Conversions

Conversions Part 2

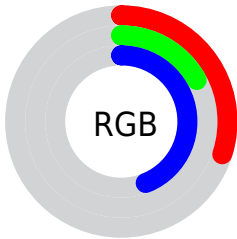
Format	Color
RYB	76, 43, 112
Decimal	4991856
CIELab	25.06, 30.28, -34.37
CIElCh	25, 45.807, 311.378
Yxy	4.4341, 0.2504, 0.1640
Android (android.graphics.Color)	4283181936 (0xFF4C2B70)
YUV	60.7330, 25.2746, 13.3892
Hunter-Lab	21.0573, 20.5296, -29.8269

Details

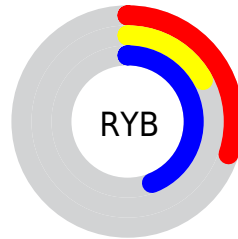
The YUV color **60.7330, 25.2746, 13.3892** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **94.2670, -25.2746, -13.3892**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.4990, 26.8690, 15.3484**, and **15.2550, 23.5383, 10.3004** is the 20% darker color. If you saturate the color by 10%, you get **52.4820, 29.3424, 15.3633**, and if you desaturate by 10%, it is **68.9840, 21.2069, 11.4150**.

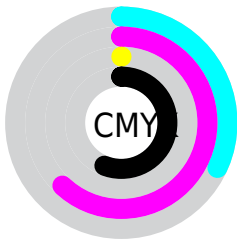
Distribution



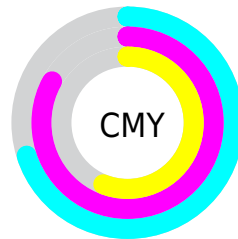
- Red (30%)
- Green (17%)
- Blue (44%)



- Red (30%)
- Yellow (17%)
- Blue (44%)



- Cyan (32%)
- Magenta (62%)
- Yellow (0%)
- Black (56%)



- Cyan (70%)
- Magenta (83%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.7330, 25.2746, 13.3892 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 60.7330, 25.2746, 13.3892 by changing the saturation by 10% instead.

60.7330, 25.2746,
13.3892

60.7330, 25.2746,
13.3892

255.0000, 0.0000,
0.0000

37.4940, 24.4065,
11.8448

109.4990, 26.8690,
15.3484

15.2550, 23.5383,
10.3004

135.4390, 27.8846,
16.2780

4.6740, 17.9087,
-4.0991

162.2650, 28.4634,
17.3076

2.7530, 8.0098,
-2.4144

189.6780, 28.7527,
17.8224

0.0000, 0.0000,
0.0000

214.6970, 19.8694,
20.4367

236.2160, 9.2605,

16.4736

253.2390, 0.8682,
1.5444

60.7330, 25.2746,
13.3892

60.7330, 25.2746,
13.3892

52.4820, 29.3424,
15.3633

68.9840, 21.2069,
11.4150

44.2310, 33.4101,
17.3374

77.2350, 17.1391,
9.4409

35.3930, 37.7673,
19.8263

86.0730, 12.7820,
6.9520

28.9140, 40.9614,
22.0004

94.0250, 8.8617,
4.3631

102.2760, 4.7939,
2.3889

■ 110.5270, 0.7262,
0.4148

■ 118.7780, -3.3416,
-1.5593

■ 127.6160, -7.6987,
-4.0482

■ 135.8670,
-11.7664, -6.0224

Harmonies

Analogous

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



49.8120, 38.5467, -43.6851



60.7330, 25.2746, 13.3892



54.8530, 13.3835, 47.4869

Triad

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



60.7330, 25.2746, 13.3892



56.5590, -27.8836, 30.2048



51.6460, 10.0345, -45.2935

Complementary

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



60.7330, 25.2746, 13.3892



94.2670, -25.2746, -13.3892

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.



46.9550, -5.4008, -41.1795



60.7330, 25.2746, 13.3892



54.9320, -27.0815, 6.1986

Square

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



60.7330, 25.2746, 13.3892



52.9820, -19.2181, 50.8818



46.1840, -22.7687, -23.8404



55.4080, 24.4489, -48.5928

Rectangle

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



60.7330, 25.2746, 13.3892



49.0520, 4.9044, 60.4674



46.1840, -22.7687, -23.8404



50.2780, 4.7929, -44.0938

Sweetspot

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



60.7330, 25.2746, 13.3892



125.8510, 9.4405, 5.3927



72.5850, 19.4316, -25.9460



61.9170, 5.9569, 2.7038



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



60.7330, 25.2746, 13.3892



65.4470, 39.2196, 20.6560



70.8990, 20.2628, 34.2916



51.5810, 2.1786, 1.2445



30.7230, 44.0136, 23.0449



63.4400, 90.4951, 47.8491

Inverse Universe

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



67.7350, 5.5536, 38.8204



76.3770, 8.6881, 60.1824



84.1010, -20.2628, -34.2916



52.1360, 0.4260, 3.3887



43.0620, 9.8294, 67.4746



88.5590, 19.9374, 138.9528

Previews

White Background



This preview shows how the YUV color 60.7330, 25.2746, 13.3892 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 60.7330, 25.2746, 13.3892 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 60.7330, 25.2746, 13.3892

Background



This preview shows how black text looks on a background with the YUV color 60.7330, 25.2746, 13.3892.



This preview shows how white text looks on a background with the YUV color 60.7330, 25.2746,

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

60.7330, 25.2746, 13.3892

Protanopia

48.0680, 36.9415, -42.1556

Deuteranopia

48.7170, 29.2265, -40.9708



Tritanopia

60.2610, 0.8573, 5.0331

Trichromacy



Original Color

60.7330, 25.2746, 13.3892

Protanomaly

53.0490, 32.5138, -21.9680

Deuteranomaly

52.7950, 27.7091, -20.8682

Tritanomaly

60.5740, 9.5770, 8.2666

Monochromacy



Original Color

60.7330, 25.2746, 13.3892

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.5520, 9.5879, 4.7779

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.7330, 25.2746, 13.3892 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(76, 43, 112)` looks like.

```
.text, #text, p{  
    color:rgb(76, 43, 112)  
}
```

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(76, 43, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 43, 112) }
```

Border

The CSS property to change the border of an element to YUV 60.7330, 25.2746, 13.3892 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(76, 43, 112) }
```


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

```
.border{ border-color:rgb(76, 43, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 43, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 43, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 43, 112);  
box-shadow:4px 4px 4px 4px rgb(76, 43,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 60.7330, 25.2746, 13.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 43, 112) }
```

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

```
.background{ background-color: rgb(76, 43,  
112) }
```

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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