

Converting Colors

YUV(60.2550, 23.5383, 10.3004)

Have a look what the booklet for
YUV(60.2550, 23.5383, 10.3004)
contains.

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Color

**YUV(60.2550, 23.5383,
10.3004)**

Conversions

Conversions Part 1

Format	Color
Hex	482D6C
RGB	72, 45, 108
RGB Percent	28%, 18%, 42%
CMY	0.7176, 0.8235, 0.5765
CMYK	0.33, 0.58, 0.00, 0.58
HSL	266°, 41%, 30%
HSV	266°, 58%, 42%
XYZ	6.3176, 4.3372, 14.6915
YIQ	60.2550, -4.1310, 25.3170

Conversions

Conversions Part 2

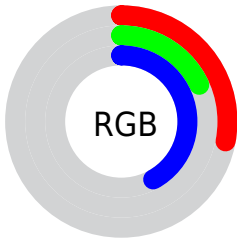
Format	Color
R_{YB}	72, 45, 108
Decimal	4730220
CIE _{Lab}	24.76, 26.87, -32.31
CIE _{LCh}	25, 42.021, 309.742
Yxy	4.3372, 0.2493, 0.1711
Android (android.graphics.Color)	4282920300 (0xFF482D6C)
YUV	60.2550, 23.5383, 10.3004
Hunter-Lab	20.8259, 17.7034, -27.2476

Details

The YUV color **60.2550, 23.5383, 10.3004** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **92.7450, -23.5383, -10.3004**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.0210, 25.1326, 12.2596**, and **14.0160, 22.6701, 8.7560** is the 20% darker color. If you saturate the color by 10%, you get **52.0040, 27.6060, 12.2745**, and if you desaturate by 10%, it is **68.5060, 19.4705, 8.3262**.

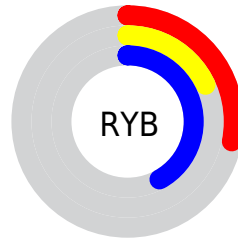
Distribution



Red (28%)

Green (18%)

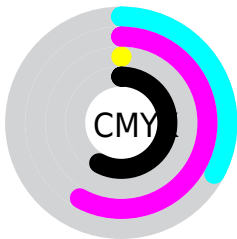
Blue (42%)



Red (28%)

Yellow (18%)

Blue (42%)

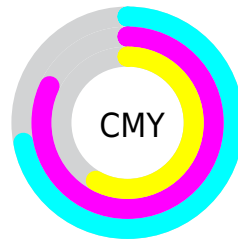


Cyan (33%)

Magenta (58%)

Yellow (0%)

Black (58%)



Cyan (72%)

Magenta (82%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.2550, 23.5383, 10.3004 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 60.2550, 23.5383, 10.3004 by changing the saturation by 10% instead.

60.2550, 23.5383,
10.3004

60.2550, 23.5383,
10.3004

255.0000, 0.0000,
0.0000

37.3150, 22.5227,
9.3707

109.0210, 25.1326,
12.2596

14.0160, 22.6701,
8.7560

134.5480, 25.8588,
12.6744

4.3320, 16.5983,
-3.7992

161.3740, 26.4376,
13.7040

2.1830, 5.8258,
-1.9145

188.3140, 27.4532,
14.6336

0.0000, 0.0000,
0.0000

214.3760, 20.0276,
16.3332

237.3900, 8.6817,

15.4440

253.8260, 0.5788,
1.0296

■ 60.2550, 23.5383,
10.3004

■ 60.2550, 23.5383,
10.3004

■ 52.0040, 27.6060,
12.2745

■ 68.5060, 19.4705,
8.3262

■ 43.7530, 31.6738,
14.2486

■ 76.7570, 15.4028,
6.3521

■ 35.7900, 35.5995,
15.0932

■ 84.7200, 11.4770,
5.5076

■ 27.5390, 39.6673,
17.0673

■ 92.9710, 7.4093,
3.5334

■ 26.0660, 40.3935,
17.4821

■ 101.2220, 3.3416,
1.5593

■ 109.4730, -0.7262,
-0.4148

■ 117.7240, -4.7939,
-2.3889

■ 125.3880, -8.5723,
-3.8483

■ 133.9380,
-12.7874, -5.2076

Harmonies

Analogous

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



48.5410, 36.2153, -42.5705



60.2550, 23.5383, 10.3004



56.7660, 11.9474, 41.4242

Triad

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



60.2550, 23.5383, 10.3004



55.6730, -27.4468, 30.1048



50.7170, 9.0135, -44.4788

Complementary

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



60.2550, 23.5383, 10.3004



92.7450, -23.5383, -10.3004

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.



45.6670, -5.2588, -40.0500



60.2550, 23.5383, 10.3004



54.9430, -27.0869, 7.9430

Square

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



60.2550, 23.5383, 10.3004



53.8290, -17.1707, 47.5080



48.1030, -23.2218, -18.5073



53.5500, 22.4069, -46.9633

Rectangle

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



60.2550, 23.5383, 10.3004



52.9540, 3.4737, 52.6603



48.1030, -23.2218, -18.5073



49.4630, 4.2087, -43.3791

Sweetspot

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



60.2550, 23.5383, 10.3004



121.1390, 9.2985, 4.2631



73.9010, 16.8108, -25.3462



59.5040, 5.6675, 2.1890



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



60.2550, 23.5383, 10.3004



65.7300, 36.6151, 16.0228



69.5240, 18.9687, 29.3585



49.2820, 2.3260, 0.6297



28.2880, 43.7350, 19.0414



59.3250, 91.5378, 40.0570

Inverse Universe

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



67.9410, 6.4381, 35.1317



77.6860, 10.0148, 54.6494



83.4760, -18.9687, -29.3585



50.1360, 0.4260, 3.3887



42.6210, 12.0188, 65.2304



89.2150, 25.0370, 136.6234

Previews

White Background



This preview shows how the YUV color 60.2550, 23.5383, 10.3004 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 60.2550, 23.5383, 10.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

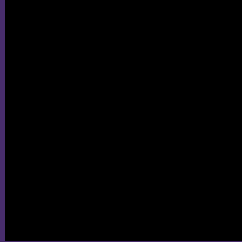
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.2550, 23.5383, 10.3004

Background



This preview shows how black text looks on a background with the YUV color 60.2550, 23.5383, 10.3004.



This preview shows how white text looks on a background with the YUV color 60.2550, 23.5383,

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

60.2550, 23.5383, 10.3004

Protanopia

49.9440, 35.0306, -35.9079

Deuteranopia

52.5720, 25.8470, -30.3196



Tritanopia

59.9510, 1.0102, 2.6740

Trichromacy



Original Color

60.2550, 23.5383, 10.3004

Protanomaly

53.9030, 30.6138, -19.2089

Deuteranomaly

55.7310, 24.7826, -15.5501

Tritanomaly

59.8510, 9.4405, 5.3927

Monochromacy



Original Color

60.2550, 23.5383, 10.3004

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.1990, 8.2829, 3.3335

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.2550, 23.5383, 10.3004 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(72, 45, 108)` looks like.

```
.text, #text, p{  
    color:rgb(72, 45, 108)  
}
```

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(72, 45, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 45, 108) }
```

Border

The CSS property to change the border of an element to YUV 60.2550, 23.5383, 10.3004 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(72, 45, 108) }
```


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

```
.border{ border-color:rgb(72, 45, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 45, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 45, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 45, 108);  
box-shadow:4px 4px 4px 4px rgb(72, 45,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 60.2550, 23.5383, 10.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 45, 108) }
```

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

```
.background{ background-color: rgb(72, 45,  
108) }
```

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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