

Converting Colors

YUV(60.6250, 22.3699, 11.7299)

Have a look what the booklet for
YUV(60.6250, 22.3699, 11.7299)
contains.

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Color

**YUV(60.6250, 22.3699,
11.7299)**

Conversions

Conversions Part 1

Format	Color
Hex	4A2D6A
RGB	74, 45, 106
RGB Percent	29%, 18%, 42%
CMY	0.7098, 0.8235, 0.5843
CMYK	0.30, 0.58, 0.00, 0.58
HSL	269°, 40%, 30%
HSV	269°, 58%, 42%
XYZ	6.3639, 4.3732, 14.1444
YIQ	60.6250, -2.2970, 25.1190

Conversions

Conversions Part 2

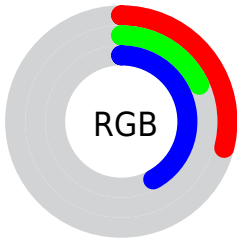
Format	Color
R_{YB}	74, 45, 106
Decimal	4861290
CIE _{Lab}	24.87, 26.87, -30.83
CIE _{LCh}	25, 40.897, 311.080
Yxy	4.3732, 0.2558, 0.1758
Android (android.graphics.Color)	4283051370 (0xFF4A2D6A)
YUV	60.6250, 22.3699, 11.7299
Hunter-Lab	20.9123, 17.7240, -25.4632

Details

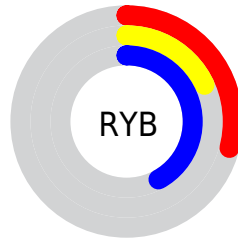
The YUV color **60.6250, 22.3699, 11.7299** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **90.3750, -22.3699, -11.7299**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.3910, 23.9642, 13.6891**, and **14.6850, 21.3543, 10.8003** is the 20% darker color. If you saturate the color by 10%, you get **52.3740, 26.4376, 13.7040**, and if you desaturate by 10%, it is **68.8760, 18.3021, 9.7557**.

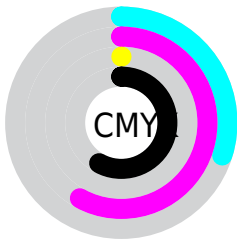
Distribution



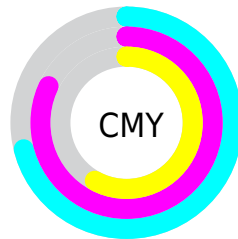
- Red (29%)
- Green (18%)
- Blue (42%)



- Red (29%)
- Yellow (18%)
- Blue (42%)



- Cyan (30%)
- Magenta (58%)
- Yellow (0%)
- Black (58%)



- Cyan (71%)
- Magenta (82%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.6250, 22.3699, 11.7299 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 60.6250, 22.3699, 11.7299 by changing the saturation by 10% instead.

60.6250, 22.3699,
11.7299

60.6250, 22.3699,
11.7299

255.0000, 0.0000,
0.0000

37.6850, 21.3543,
10.8003

109.3910, 23.9642,
13.6891

14.6850, 21.3543,
10.8003

134.9180, 24.6904,
14.1039

4.1040, 15.7247,
-3.5992

161.7440, 25.2692,
15.1335

1.2540, 4.8048,
-1.0998

188.2710, 25.9954,
15.5483

0.0000, 0.0000,
0.0000

214.9740, 19.7328,
17.5628

237.3900, 8.6817,

15.4440

254.4130, 0.2894,
0.5148

■ 60.6250, 22.3699,
11.7299

■ 60.6250, 22.3699,
11.7299

■ 52.3740, 26.4376,
13.7040

■ 68.8760, 18.3021,
9.7557

■ 45.0090, 30.0686,
15.7781

■ 76.2410, 14.6712,
7.6816

■ 36.7580, 34.1363,
17.7522

■ 84.4920, 10.6034,
5.7075

■ 29.3930, 37.7673,
19.8263

■ 91.8570, 6.9725,
3.6334

■ 27.0340, 38.9302,
20.1412

■ 100.1080, 2.9048,
1.6593

■ 108.0600, -1.0156,
-0.9296

■ 115.7240, -4.7939,
-2.3889

■ 123.6760, -8.7143,
-4.9779

■ 131.3400,
-12.4926, -6.4372

Harmonies

Analogous

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



48.3130, 35.3417, -42.3705



60.6250, 22.3699, 11.7299



57.2390, 11.2212, 41.0094

Triad

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



60.6250, 22.3699, 11.7299



55.9610, -27.5888, 28.9752



50.8310, 9.4503, -44.5788

Complementary

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



60.6250, 22.3699, 11.7299



90.3750, -22.3699, -11.7299

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.



46.5960, -4.2378, -40.8647



60.6250, 22.3699, 11.7299



54.6440, -26.9395, 7.3282

Square

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



60.6250, 22.3699, 11.7299



54.7040, -17.6021, 45.8636



48.2600, -21.3272, -19.5220



53.5500, 22.4069, -46.9633

Rectangle

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



60.6250, 22.3699, 11.7299



53.7150, 2.6055, 51.1159



48.2600, -21.3272, -19.5220



49.5770, 4.6455, -43.4790

Sweetspot

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



60.6250, 22.3699, 11.7299



120.0250, 8.8617, 4.3631



71.3250, 17.0948, -23.0870



58.6890, 5.0833, 2.9037



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



60.6250, 22.3699, 11.7299



67.2850, 34.8625, 18.1671



69.5950, 17.9477, 30.1732



49.5810, 2.1786, 1.2445



30.0820, 42.8506, 22.7301



62.6140, 89.9163, 46.8195

Inverse Universe

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



66.8870, 4.9857, 34.3021



77.1050, 7.8362, 53.4049



81.4050, -17.9477, -30.1732



50.1360, 0.4260, 3.3887



42.0510, 9.8349, 65.7303



87.8470, 19.7954, 137.8232

Previews

White Background



This preview shows how the YUV color 60.6250, 22.3699, 11.7299 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 60.6250, 22.3699, 11.7299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

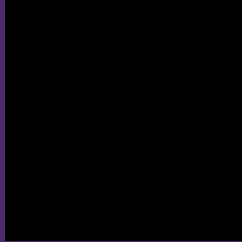
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.6250, 22.3699, 11.7299

Background



This preview shows how black text looks on a background with the YUV color 60.6250, 22.3699, 11.7299.



This preview shows how white text looks on a background with the YUV color 60.6250, 22.3699,

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

60.6250, 22.3699, 11.7299

Protanopia

52.4070, 32.8303, -30.1749

Deuteranopia

54.4370, 23.9416, -25.8162



Tritanopia

60.1470, 0.4205, 5.1331

Trichromacy



Original Color

60.6250, 22.3699, 11.7299

Protanomaly

55.4690, 28.8558, -15.3203

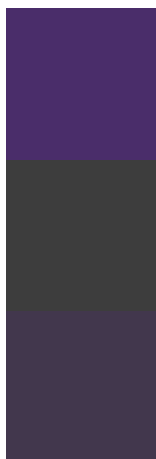
Deuteranomaly

56.9980, 23.1720, -12.2762

Tritanomaly

60.5200, 8.1246, 7.4370

Monochromacy



Original Color

60.6250, 22.3699, 11.7299

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.7970, 7.9881, 4.5630

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.6250, 22.3699, 11.7299 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(74, 45, 106)` looks like.

```
.text, #text, p{  
    color:rgb(74, 45, 106)  
}
```

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(74, 45, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 45, 106) }
```

Border

The CSS property to change the border of an element to YUV 60.6250, 22.3699, 11.7299 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(74, 45, 106) }
```


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

```
.border{ border-color:rgb(74, 45, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 45, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 45, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 45, 106);  
box-shadow:4px 4px 4px 4px rgb(74, 45,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 60.6250, 22.3699, 11.7299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 45, 106) }
```

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

```
.background{ background-color: rgb(74, 45,  
106) }
```

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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