

Converting Colors

YUV(60.6730, 22.8392, 1.1638)

Have a look what the booklet for
YUV(60.6730, 22.8392, 1.1638)
contains.

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Color

**YUV(60.6730, 22.8392,
1.1638)**

Conversions

Conversions Part 1

Format	Color
Hex	3E336B
RGB	62, 51, 107
RGB Percent	24%, 20%, 42%
CMY	0.7569, 0.8000, 0.5804
CMYK	0.42, 0.52, 0.00, 0.58
HSL	252°, 35%, 31%
HSV	252°, 52%, 42%
XYZ	5.8243, 4.4533, 14.4625
YIQ	60.6730, -11.4200, 19.7480

Conversions

Conversions Part 2

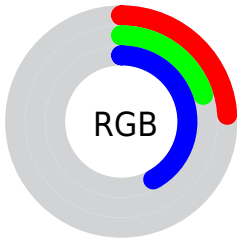
Format	Color
RYB	62, 51, 107
Decimal	4076395
CIELab	25.12, 19.90, -31.15
CIELCh	25, 36.965, 302.563
Yxy	4.4533, 0.2354, 0.1800
Android (android.graphics.Color)	4282266475 (0xFF3E336B)
YUV	60.6730, 22.8392, 1.1638
Hunter-Lab	21.1029, 12.3349, -25.8614

Details

The YUV color **60.6730, 22.8392, 1.1638** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **97.3270, -22.8392, -1.1638**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.1400, 24.5810, 2.5082**, and **15.3090, 21.5397, -2.0250** is the 20% darker color. If you saturate the color by 10%, you get **51.5250, 27.3492, 1.2936**, and if you desaturate by 10%, it is **69.8210, 18.3292, 1.0340**.

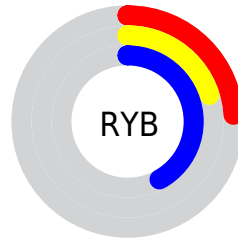
Distribution



Red (24%)

Green (20%)

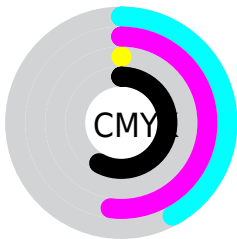
Blue (42%)



Red (24%)

Yellow (20%)

Blue (42%)

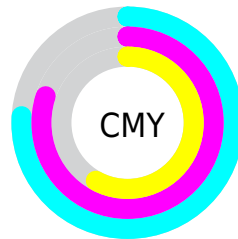


Cyan (42%)

Magenta (52%)

Yellow (0%)

Black (58%)



Cyan (76%)

Magenta (80%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.6730, 22.8392, 1.1638 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 60.6730, 22.8392, 1.1638 by changing the saturation by 10% instead.

■ 60.6730, 22.8392,
1.1638

■ 60.6730, 22.8392,
1.1638

■ 255.0000, 0.0000,
0.0000

■ 38.3200, 21.5342,
-0.2806

■ 109.1400, 24.5810,
2.5082

■ 15.3090, 21.5397,
-2.0250

■ 134.6670, 25.3072,
2.9230

■ 5.3920, 15.5827,
-4.7288

■ 160.6070, 26.3227,
3.8527

■ 2.0690, 5.3890,
-1.8145

■ 188.0200, 26.6121,
4.3675

■ 0.0000, 0.0000,
0.0000

■ 214.3100, 20.0602,
5.8671

■ 239.4170, 7.6824,

9.2813

■ 60.6730, 22.8392,
1.1638

■ 60.6730, 22.8392,
1.1638

■ 51.5250, 27.3492,
1.2936

■ 69.8210, 18.3292,
1.0340

■ 43.2630, 31.4223,
1.5233

■ 78.0830, 14.2561,
0.8042

■ 34.1150, 35.9323,
1.6531

■ 87.2310, 9.7461,
0.6744

■ 25.2660, 40.2949,
2.3977

■ 96.0800, 5.3836,
-0.0702

■ 18.4770, 43.6418,
2.2127

■ 105.2280, 0.8736,
-0.2000

■ 113.7890, -3.3470,
0.1850

■ 122.6380, -7.7095,
-0.5595

■ 131.7860,
-12.2195, -0.6893

■ 140.0480,
-16.2927, -0.9191

Harmonies

Analogous

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



49.6180, 32.7263, -43.5150



60.6730, 22.8392, 1.1638



60.5150, 12.5641, 30.2433

Triad

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



60.6730, 22.8392, 1.1638



56.6670, -24.9788, 31.8640



49.2180, 5.8085, -43.1642

Complementary

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



60.6730, 22.8392, 1.1638



97.3270, -22.8392, -1.1638

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.



45.3250, -6.5692, -39.7500



60.6730, 22.8392, 1.1638



55.8620, -27.5400, 13.2760

Square

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



60.6730, 22.8392, 1.1638



56.3600, -12.5025, 43.5343



51.8700, -23.1069, -8.6560



52.4100, 18.0389, -45.9636

Rectangle

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



60.6730, 22.8392, 1.1638



57.6430, 5.1060, 42.4091



51.8700, -23.1069, -8.6560



48.0780, 1.4405, -42.1644

Sweetspot

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



60.6730, 22.8392, 1.1638



121.7040, 9.0199, 0.2596



84.3860, 11.1487, -29.2795



60.0800, 5.3836, -0.0702



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.



60.6730, 22.8392, 1.1638



67.1150, 35.9323, 1.6531



68.7460, 18.8592, 17.7628



48.9830, 2.4734, 0.0149



20.2150, 47.7150, 2.4424



42.2820, 99.9400, 5.0147

Inverse Universe

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



72.8740, 11.4011, 29.9285



86.4060, 18.0408, 47.0019



89.2540, -18.8592, -17.7628



50.2500, 0.8628, 3.2887



45.6990, 23.8124, 62.5310



95.7130, 49.9345, 130.9247

Previews

White Background



This preview shows how the YUV color 60.6730, 22.8392, 1.1638 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 60.6730, 22.8392, 1.1638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

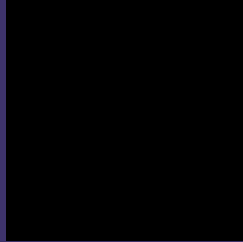
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.6730, 22.8392, 1.1638

Background



This preview shows how black text looks on a background with the YUV color 60.6730, 22.8392, 1.1638.



This preview shows how white text looks on a background with the YUV color 60.6730, 22.8392,

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

60.6730, 22.8392, 1.1638

Protanopia

55.4140, 28.8829, -24.0421

Deuteranopia

54.0560, 25.1154, -28.9901



Tritanopia

58.8790, 3.5107, -6.0329

Trichromacy



Original Color

60.6730, 22.8392, 1.1638

Protanomaly

56.8990, 26.6718, -14.8204

Deuteranomaly

56.3070, 24.4986, -17.8092

Tritanomaly

59.4370, 10.6306, -3.0142

Monochromacy



Original Color

60.6730, 22.8392, 1.1638

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.5900, 8.5831, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.6730, 22.8392, 1.1638 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(62, 51, 107)` looks like.

```
.text, #text, p{  
    color:rgb(62, 51, 107)  
}
```

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(62, 51, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 51, 107) }
```

Border

The CSS property to change the border of an element to YUV 60.6730, 22.8392, 1.1638 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(62, 51, 107) }
```


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

```
.border{ border-color:rgb(62, 51, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 51, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 51, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 51, 107);  
box-shadow:4px 4px 4px 4px rgb(62, 51,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 60.6730, 22.8392, 1.1638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 51, 107) }
```

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

```
.background{ background-color: rgb(62, 51,  
107) }
```

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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