

Converting Colors

YUV(65.7380, 24.2862, 3.7378)

Have a look what the booklet for
YUV(65.7380, 24.2862, 3.7378)
contains.

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Color

**YUV(65.7380, 24.2862,
3.7378)**

Conversions

Conversions Part 1

Format	Color
Hex	463673
RGB	70, 54, 115
RGB Percent	27%, 21%, 45%
CMY	0.7255, 0.7882, 0.5490
CMYK	0.39, 0.53, 0.00, 0.55
HSL	256°, 36%, 33%
HSV	256°, 53%, 45%
XYZ	6.9395, 5.1782, 16.8534
YIQ	65.7380, -10.0450, 22.3630

Conversions

Conversions Part 2

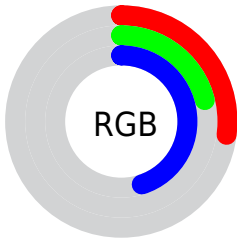
Format	Color
R_YB	70, 54, 115
Decimal	4601459
CIE _{Lab}	27.24, 22.61, -32.84
CIE _{LCh}	27, 39.871, 304.552
Yxy	5.1782, 0.2395, 0.1787
Android (android.graphics.Color)	4282791539 (0xFF463673)
YUV	65.7380, 24.2862, 3.7378
Hunter-Lab	22.7557, 14.6119, -27.9825

Details

The YUV color $[65.7380, 24.2862, 3.7378]$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $[103.2620, -24.2862, -3.7378]$, and the grayscale version is $[66.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[114.5040, 25.8805, 5.6970]$, and $[20.5480, 22.4078, -0.4806]$ is the 20% darker color. If you saturate the color by 10%, you get $[56.8890, 28.6487, 4.4823]$, and if you desaturate by 10%, it is $[75.1740, 19.6342, 2.4784]$.

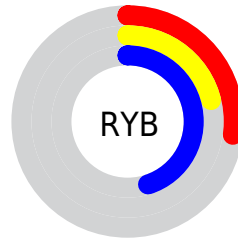
Distribution



Red (27%)

Green (21%)

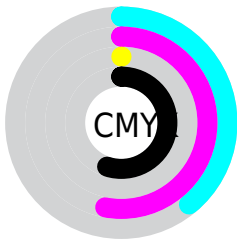
Blue (45%)



Red (27%)

Yellow (21%)

Blue (45%)

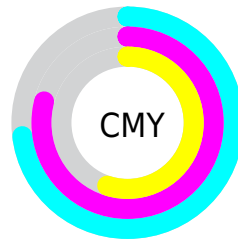


Cyan (39%)

Magenta (53%)

Yellow (0%)

Black (55%)



Cyan (73%)

Magenta (79%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.7380, 24.2862, 3.7378 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 65.7380, 24.2862, 3.7378 by changing the saturation by 10% instead.

■ 65.7380, 24.2862,
3.7378

■ 65.7380, 24.2862,
3.7378

■ 255.0000, 0.0000,
0.0000

■ 42.4990, 23.4180,
2.1934

■ 114.5040, 25.8805,
5.6970

■ 20.5480, 22.4078,
-0.4806

■ 140.1450, 27.0435,
6.0118

■ 5.0160, 19.2191,
-4.3990

■ 166.9710, 27.6223,
7.0414

■ 3.0950, 9.3202,
-2.7143

■ 194.4980, 28.3485,
7.4563

■ 0.0000, 0.0000,
0.0000

■ 219.6480, 17.4285,
9.9557

■ 243.2600, 5.7878,

10.2960

■ 65.7380, 24.2862,
3.7378

■ 65.7380, 24.2862,
3.7378

■ 56.8890, 28.6487,
4.4823

■ 75.1740, 19.6342,
2.4784

■ 47.1540, 33.4481,
5.1269

■ 84.3220, 15.1243,
2.3486

■ 38.3050, 37.8106,
5.8715

■ 93.7580, 10.4723,
1.0892

■ 28.5700, 42.6100,
6.5161

■ 102.9060, 5.9623,
0.9594

■ 22.0800, 45.8096,
6.9458

■ 112.3420, 1.3104,
-0.2999

■ 121.4900, -3.1996,
-0.4297

■ 130.9260, -7.8515,
-1.6891

■ 140.0740,
-12.3615, -1.8189

■ 148.9230,
-16.7240, -2.5635

Harmonies

Analogous

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



53.6930, 35.6474, -47.0888



65.7380, 24.2862, 3.7378



64.3630, 13.1320, 34.7616

Triad

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



65.7380, 24.2862, 3.7378



61.1680, -28.1838, 33.1787



53.5380, 7.1298, -46.9528

Complementary

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



65.7380, 24.2862, 3.7378



103.2620, -24.2862, -3.7378

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.



48.8300, -5.8322, -42.8239



65.7380, 24.2862, 3.7378



59.6940, -29.4291, 12.5464

Square

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



65.7380, 24.2862, 3.7378



60.8120, -14.6973, 47.5229



55.8050, -24.5539, -11.2300



56.9580, 20.2337, -49.9522

Rectangle

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



65.7380, 24.2862, 3.7378



61.2630, 4.8003, 47.1273



55.8050, -24.5539, -11.2300



52.3980, 2.7618, -45.9530

Sweetspot

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



65.7380, 24.2862, 3.7378



130.8290, 9.4513, 1.9040



87.9560, 13.3327, -29.7794



64.9060, 5.9623, 0.9594



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.



65.7380, 24.2862, 3.7378



72.4190, 38.2474, 5.7715



74.7080, 19.8640, 22.1811



53.9830, 2.4734, 0.0149



23.4760, 48.5723, 7.4755



48.2340, 99.4706, 15.5808

Inverse Universe

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



77.3690, 10.6641, 33.0024



90.7980, 16.8616, 51.9202



94.2920, -19.8640, -22.1811



55.2500, 0.8628, 3.2888



46.7380, 21.3282, 66.0048



95.7260, 43.5191, 135.2983

Previews

White Background



This preview shows how the YUV color 65.7380, 24.2862, 3.7378 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 65.7380, 24.2862, 3.7378 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 65.7380, 24.2862, 3.7378

Background



This preview shows how black text looks on a background with the YUV color 65.7380, 24.2862, 3.7378.



This preview shows how white text looks on a background with the YUV color 65.7380, 24.2862,

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

65.7380, 24.2862, 3.7378

Protanopia

59.5000, 31.7985, -25.8715

Deuteranopia

58.3980, 26.4258, -29.2900



Tritanopia

64.0750, 2.9210, -3.5738

Trichromacy



Original Color

65.7380, 24.2862, 3.7378

Protanomaly

61.8820, 29.1452, -14.8055

Deuteranomaly

60.9480, 25.6616, -17.4944

Tritanomaly

64.7470, 10.4777, -0.6551

Monochromacy



Original Color

65.7380, 24.2862, 3.7378

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.0030, 8.8725, 0.8744

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.7380, 24.2862, 3.7378 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(70, 54, 115)` looks like.

```
.text, #text, p{  
    color:rgb(70, 54, 115)  
}
```

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(70, 54, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 54, 115) }
```

Border

The CSS property to change the border of an element to YUV 65.7380, 24.2862, 3.7378 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(70, 54, 115) }
```


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

```
.border{ border-color:rgb(70, 54, 115) }
```

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

Here you see how a box with a 4 pixel rgb(70, 54, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 54, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 54, 115);  
box-shadow:4px 4px 4px 4px rgb(70, 54,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 65.7380, 24.2862, 3.7378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 54, 115) }
```

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

```
.background{ background-color: rgb(70, 54,  
115) }
```

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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