

Converting Colors

YUV(73.8010, 25.2411,
-22.6275)

Have a look what the booklet for
YUV(73.8010, 25.2411, -22.6275)
contains.

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Color

**YUV(73.8010, 25.2411,
-22.6275)**

Conversions

Conversions Part 1

Format	Color
Hex	304D7D
RGB	48, 77, 125
RGB Percent	19%, 30%, 49%
CMY	0.8118, 0.6980, 0.5098
CMYK	0.62, 0.38, 0.00, 0.51
HSL	217°, 45%, 34%
HSV	217°, 62%, 49%
XYZ	7.5745, 7.4168, 20.4344
YIQ	73.8010, -32.6920, 8.7800

Conversions

Conversions Part 2

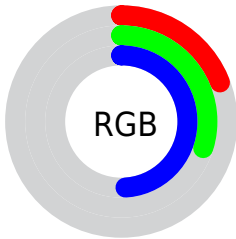
Format	Color
R_{YB}	48, 69, 125
Decimal	3165565
CIE Lab	32.74, 5.09, -30.48
CIE LCh	33, 30.899, 279.483
Yxy	7.4168, 0.2138, 0.2094
Android (android.graphics.Color)	4281355645 (0xFF304D7D)
YUV	73.8010, 25.2411, -22.6275
Hunter-Lab	27.2338, 1.9866, -25.4235

Details

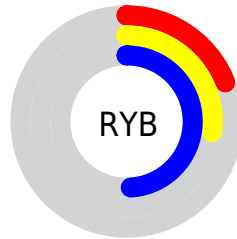
The YUV color **73.8010, 25.2411, -22.6275** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **99.1990, -25.2411, 22.6275**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.4530, 26.3987, -20.5683**, and **28.6220, 23.3574, -25.1015** is the 20% darker color. If you saturate the color by 10%, you get **65.5170, 29.3251, -25.8864**, and if you desaturate by 10%, it is **82.3840, 21.0097, -18.7538**.

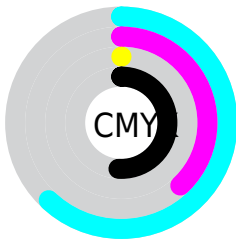
Distribution



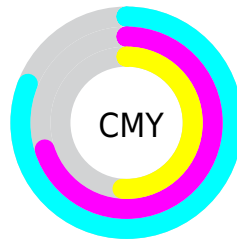
- Red (19%)
- Green (30%)
- Blue (49%)



- Red (19%)
- Yellow (27%)
- Blue (49%)



- Cyan (62%)
- Magenta (38%)
- Yellow (0%)
- Black (51%)



- Cyan (81%)
- Magenta (70%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.8010, 25.2411, -22.6275 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 73.8010, 25.2411, -22.6275 by changing the saturation by 10% instead.

■ 73.8010, 25.2411,
-22.6275

■ 73.8010, 25.2411,
-22.6275

■ 255.0000, 0.0000,
0.0000

■ 48.4800, 25.3994,
-26.7310

■ 124.4530, 26.3987,
-20.5683

■ 28.6220, 23.3574,
-25.1015

■ 150.3930, 27.4143,
-19.6387

■ 11.9120, 20.2564,
-10.4468

■ 177.5070, 27.8510,
-19.7386

■ 4.7080, 12.9620,
-4.1289

■ 204.7090, 24.7935,
-19.0388

■ 0.2280, 0.8736,
-0.2000

■ 229.5170, 12.5631,
-16.2394

■ 0.0000, 0.0000,
0.0000

■ 250.5150, 2.2111,

-9.2217

■ 73.8010, 25.2411,
-22.6275

■ 73.8010, 25.2411,
-22.6275

■ 65.5170, 29.3251,
-25.8864

■ 82.3840, 21.0097,
-18.7538

■ 56.9340, 33.5565,
-29.7601

■ 90.6680, 16.9257,
-15.4948

■ 49.2370, 37.3512,
-33.5338

■ 98.6640, 12.9836,
-11.1063

■ 41.8390, 40.9984,
-36.6928

■ 106.9480, 8.8996,
-7.8474

■ 115.2320, 4.8156,
-4.5885

■ 123.8150, 0.5842,
-0.7148

■ 132.3980, -3.6472,
3.1590

■ 140.0950, -7.4418,
6.9327

■ 148.6780,
-11.6733, 10.8064

Harmonies

Analogous

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



63.2160, 28.9805, -55.4404



73.8010, 25.2411, -22.6275



79.0500, 17.7233, 8.7262

Triad

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



73.8010, 25.2411, -22.6275



76.7460, -14.6648, 37.0568



63.4650, -2.2012, -40.7498

Complementary

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



73.8010, 25.2411, -22.6275



99.1990, -25.2411, 22.6275

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.



70.6830, -16.1127, -12.0000



73.8010, 25.2411, -22.6275



76.0190, -22.1944, 25.4163

Square

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



73.8010, 25.2411, -22.6275



77.3300, -3.6137, 39.1756



73.8660, -23.5979, 8.8875



61.8190, 10.9352, -54.2153

Rectangle

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



73.8010, 25.2411, -22.6275



79.1290, 11.2754, 23.5659



73.8660, -23.5979, 8.8875



67.3480, -8.0596, -28.3692

Sweetspot

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



73.8010, 25.2411, -22.6275



143.7630, 9.4838, -8.5622



98.5570, -1.7536, -44.3385



69.5740, 6.1260, -4.8884



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



73.8010, 25.2411, -22.6275



82.7960, 39.5406, -35.7781



59.4690, 32.3068, -2.1653



59.5590, 2.1894, -2.2442



42.7680, 42.0194, -37.5075



0.0000, 0.0000, 0.0000

Inverse Universe

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



74.3290, 1.3168, 44.4385



83.4230, 2.2565, 69.7890



113.5310, -32.3068, 2.1653



59.4350, 0.2785, 4.0035



43.7440, 2.0982, 73.8925



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 73.8010, 25.2411, -22.6275 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 73.8010, 25.2411, -22.6275 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 73.8010, 25.2411, -22.6275

Background



This preview shows how black text looks on a background with the YUV color 73.8010, 25.2411, -22.6275.



This preview shows how white text looks on a background with the YUV color 73.8010, 25.2411, -22.6275.

-22.6275.

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

73.8010, 25.2411, -22.6275

Protanopia

75.3890, 23.4722, -15.2502

Deuteranopia

73.5020, 25.3885, -23.2423



Tritanopia

68.9510, 10.8702, -33.2830

Trichromacy



Original Color

73.8010, 25.2411, -22.6275

Protanomaly

74.8940, 24.2093, -18.3240

Deuteranomaly

73.5020, 25.3885, -23.2423

Tritanomaly

70.3520, 16.0955, -29.2497

Monochromacy



Original Color

73.8010, 25.2411, -22.6275

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.0620, 9.3364, -7.9474

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.8010, 25.2411, -22.6275 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(48, 77, 125)` looks like.

```
.text, #text, p{  
    color:rgb(48, 77, 125)  
}
```

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(48, 77, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 77, 125) }
```

Border

The CSS property to change the border of an element to YUV 73.8010, 25.2411, -22.6275 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(48, 77, 125) }
```


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

```
.border{ border-color:rgb(48, 77, 125) }
```

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

Here you see how a box with a 4 pixel rgb(48, 77, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 77, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 77, 125);  
box-shadow:4px 4px 4px 4px rgb(48, 77,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 73.8010, 25.2411, -22.6275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 77, 125) }
```

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

```
.background{ background-color: rgb(48, 77,  
125) }
```

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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