

Converting Colors

YUV(73.6680, 33.6877,
-25.1418)

Have a look what the booklet for
YUV(73.6680, 33.6877, -25.1418)
contains.

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Color

**YUV(73.6680, 33.6877,
-25.1418)**

Conversions

Conversions Part 1

Format	Color
Hex	2D4B8E
RGB	45, 75, 142
RGB Percent	18%, 29%, 56%
CMY	0.8235, 0.7059, 0.4431
CMYK	0.68, 0.47, 0.00, 0.44
HSL	221°, 52%, 37%
HSV	221°, 68%, 56%
XYZ	8.4808, 7.5430, 26.6002
YIQ	73.6680, -39.3870, 14.4770

Conversions

Conversions Part 2

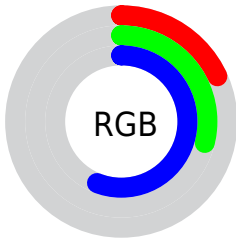
Format	Color
R_{YB}	45, 68, 142
Decimal	2968462
CIE _{Lab}	33.01, 12.17, -40.52
CIE _{LCh}	33, 42.310, 286.711
Yxy	7.5430, 0.1990, 0.1770
Android (android.graphics.Color)	4281158542 (0xFF2D4B8E)
YUV	73.6680, 33.6877, -25.1418
Hunter-Lab	27.4646, 7.0557, -38.1987

Details

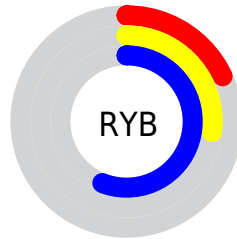
The YUV color **73.6680, 33.6877, -25.1418** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **113.3320, -33.6877, 25.1418**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.0430, 34.9818, -20.2087**, and **29.1580, 30.4881, -25.5716** is the 20% darker color. If you saturate the color by 10%, you get **63.6120, 38.6453, -28.6007**, and if you desaturate by 10%, it is **83.7240, 28.7301, -21.6829**.

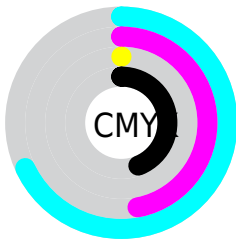
Distribution



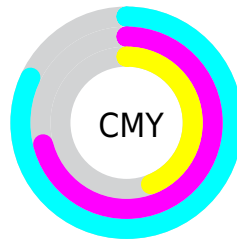
- Red (18%)
- Green (29%)
- Blue (56%)



- Red (18%)
- Yellow (27%)
- Blue (56%)



- Cyan (68%)
- Magenta (47%)
- Yellow (0%)
- Black (44%)



- Cyan (82%)
- Magenta (71%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.6680, 33.6877, -25.1418 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 73.6680, 33.6877, -25.1418 by changing the saturation by 10% instead.

■ 73.6680, 33.6877,
-25.1418

■ 73.6680, 33.6877,
-25.1418

■ 255.0000, 0.0000,
0.0000

■ 45.2320, 34.8886,
-37.0375

■ 125.0430, 34.9818,
-20.2087

■ 29.1580, 30.4881,
-25.5716

■ 151.5700, 35.7080,
-19.7939

■ 12.3340, 26.9503,
-10.8169

■ 179.0970, 36.4342,
-19.3791

■ 6.7770, 18.3509,
-5.9434

■ 203.8450, 25.2194,
-15.6501

■ 3.2090, 9.7570,
-2.8143

■ 228.6530, 12.9891,
-12.8507

■ 0.0000, 0.0000,
0.0000

■ 251.7110, 1.6215,

-6.7625

■ 73.6680, 33.6877,
-25.1418

■ 73.6680, 33.6877,
-25.1418

■ 63.6120, 38.6453,
-28.6007

■ 83.7240, 28.7301,
-21.6829

■ 53.5560, 43.6029,
-32.0596

■ 93.7800, 23.7725,
-18.2241

■ 43.7880, 48.4185,
-36.6481

■ 103.5480, 18.9568,
-13.6356

■ 42.0160, 49.2921,
-36.8480

■ 113.6040, 13.9992,
-10.1767

■ 123.6600, 9.0416,
-6.7178

■ 133.7160, 4.0840,
-3.2589

■ 143.7720, -0.8736,
0.2000

■ 153.5400, -5.6892,
4.7884

■ 163.5960,
-10.6468, 8.2473

Harmonies

Analogous

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



66.7840, 37.5745, -58.5696



73.6680, 33.6877, -25.1418



80.1530, 21.6166, 20.0368

Triad

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



73.6680, 33.6877, -25.1418



74.5640, -21.9701, 46.8634



60.9580, 0.0207, -53.4602

Complementary

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



73.6680, 33.6877, -25.1418



113.3320, -33.6877, 25.1418

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.



66.1990, -18.8321, -26.4845



73.6680, 33.6877, -25.1418



73.7130, -34.8615, 28.3157

Square

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



73.6680, 33.6877, -25.1418



74.2180, -7.0095, 55.0598



70.9720, -34.4962, 4.4096



65.5350, 15.0192, -57.4742

Rectangle

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



73.6680, 33.6877, -25.1418



78.0970, 13.2632, 39.3799



70.9720, -34.4962, 4.4096



59.1170, -4.4947, -51.8456

Sweetspot

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



73.6680, 33.6877, -25.1418



157.6750, 12.9782, -9.3620



109.4630, 0.7577, -56.5341



76.6170, 7.5838, -5.8031



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



73.6680, 33.6877, -25.1418



77.8030, 52.3551, -39.2922



61.4400, 39.7161, 1.3681



65.9720, 2.4788, -1.7294



40.0440, 46.8133, -35.1186



2.0860, 2.9156, -1.8294

Inverse Universe

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



77.4230, -1.1945, 56.6340



83.5070, -1.7290, 88.1324



125.5600, -39.7161, -1.3681



66.3210, -0.1583, 4.1035



45.1530, -1.5544, 78.7958



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 73.6680, 33.6877, -25.1418 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 73.6680, 33.6877, -25.1418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

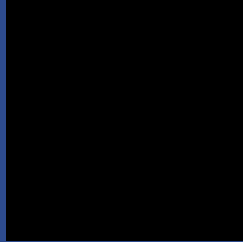
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.6680, 33.6877, -25.1418

Background



This preview shows how black text looks on a background with the YUV color 73.6680, 33.6877, -25.1418.



This preview shows how white text looks on a background with the YUV color 73.6680, 33.6877,

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

73.6680, 33.6877, -25.1418

Protanopia

73.0700, 33.9825, -26.3714

Deuteranopia

62.3330, 38.2898, -54.6660



Tritanopia

61.0840, 15.7346, -53.5707

Trichromacy



Original Color

73.6680, 33.6877, -25.1418

Protanomaly

73.3690, 33.8351, -25.7566

Deuteranomaly

66.6440, 36.6575, -44.4148

Tritanomaly

65.5720, 22.3960, -43.4746

Monochromacy



Original Color

73.6680, 33.6877, -25.1418

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.5610, 12.5414, -9.2620

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.6680, 33.6877, -25.1418 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(45, 75, 142)` looks like.

```
.text, #text, p{  
    color:rgb(45, 75, 142)  
}
```

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(45, 75, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 75, 142) }
```

Border

The CSS property to change the border of an element to YUV 73.6680, 33.6877, -25.1418 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(45, 75, 142) }
```


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

```
.border{ border-color:rgb(45, 75, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 75, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 75, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 75, 142);  
box-shadow:4px 4px 4px 4px rgb(45, 75,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 73.6680, 33.6877, -25.1418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 75, 142) }
```

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

```
.background{ background-color: rgb(45, 75,  
142) }
```

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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