

Converting Colors

YUV(71.6160, 25.8253,
-23.3422)

Have a look what the booklet for
YUV(71.6160, 25.8253, -23.3422)
contains.

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Color

**YUV(71.6160, 25.8253,
-23.3422)**

Conversions

Conversions Part 1

Format	Color
Hex	2D4B7C
RGB	45, 75, 124
RGB Percent	18%, 29%, 49%
CMY	0.8235, 0.7059, 0.5137
CMYK	0.64, 0.40, 0.00, 0.51
HSL	217°, 47%, 33%
HSV	217°, 64%, 49%
XYZ	7.2364, 7.0453, 20.0473
YIQ	71.6160, -33.6090, 8.8790

Conversions

Conversions Part 2

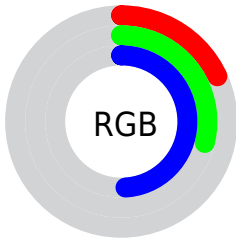
Format	Color
R_{YB}	45, 67, 124
Decimal	2968444
CIE _{Lab}	31.91, 5.41, -31.18
CIE _{LCh}	32, 31.641, 279.842
Yxy	7.0453, 0.2108, 0.2052
Android (android.graphics.Color)	4281158524 (0xFF2D4B7C)
YUV	71.6160, 25.8253, -23.3422
Hunter-Lab	26.5429, 2.2140, -26.2003

Details

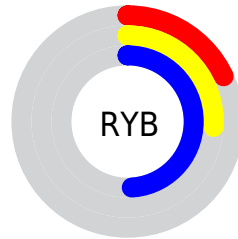
The YUV color **71.6160, 25.8253, -23.3422** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **97.3840, -25.8253, 23.3422**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.6810, 27.2723, -20.7682**, and **27.3340, 23.4993, -23.9719** is the 20% darker color. If you saturate the color by 10%, you get **63.3320, 29.9093, -26.6012**, and if you desaturate by 10%, it is **79.9000, 21.7413, -20.0833**.

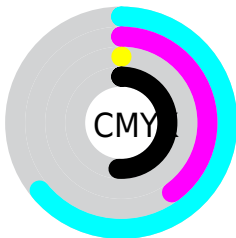
Distribution



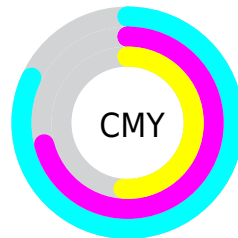
- Red (18%)
- Green (29%)
- Blue (49%)



- Red (18%)
- Yellow (26%)
- Blue (49%)



- Cyan (64%)
- Magenta (40%)
- Yellow (0%)
- Black (51%)



- Cyan (82%)
- Magenta (71%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.6160, 25.8253, -23.3422 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 71.6160, 25.8253, -23.3422 by changing the saturation by 10% instead.

■ 71.6160, 25.8253,
-23.3422

■ 71.6160, 25.8253,
-23.3422

■ 255.0000, 0.0000,
0.0000

■ 45.9850, 26.1364,
-29.8048

■ 121.6810, 27.2723,
-20.7682

■ 27.3340, 23.4993,
-23.9719

■ 148.2080, 27.9985,
-20.3534

■ 10.0370, 20.6878,
-8.8024

■ 175.3220, 28.4353,
-20.4534

■ 4.5940, 12.5252,
-4.0289

■ 202.0510, 26.1039,
-19.3387

■ 0.0000, 0.0000,
0.0000

■ 226.8590, 13.8735,
-16.5393

■ 249.6180, 2.6533,

-11.0660

■ 71.6160, 25.8253,
-23.3422

■ 71.6160, 25.8253,
-23.3422

■ 63.3320, 29.9093,
-26.6012

■ 79.9000, 21.7413,
-20.0833

■ 55.3360, 33.8514,
-30.9897

■ 87.8960, 17.7993,
-15.6948

■ 47.0520, 37.9354,
-34.2486

■ 96.1800, 13.7153,
-12.4359

■ 41.7250, 40.5616,
-36.5928

■ 104.7630, 9.4838,
-8.5622

■ 112.4600, 5.6892,
-4.7884

■ 120.7440, 1.6052,
-1.5295

■ 129.3270, -2.6262,
2.3442

■ 137.6110, -6.7102,
5.6032

■ 145.6070,
-10.6523, 9.9917

Harmonies

Analogous

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



61.9280, 29.1225, -54.3109



71.6160, 25.8253, -23.3422



77.0500, 17.7233, 8.7261

Triad

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



71.6160, 25.8253, -23.3422



74.0450, -14.8122, 37.6715



59.6710, -1.3168, -44.4385

Complementary

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



71.6160, 25.8253, -23.3422



97.3840, -25.8253, 23.3422

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.



68.8570, -16.6915, -13.0296



71.6160, 25.8253, -23.3422



73.7910, -23.0680, 25.6163

Square

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



71.6160, 25.8253, -23.3422



75.0420, -3.4717, 40.3052



71.4530, -23.8873, 8.3727



60.5310, 11.0772, -53.0857

Rectangle

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



71.6160, 25.8253, -23.3422



77.4280, 11.1280, 24.1806



71.4530, -23.8873, 8.3727



64.4510, -7.6173, -30.2135

Sweetspot

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



71.6160, 25.8253, -23.3422



140.5780, 10.0680, -9.2769



96.9590, -1.4588, -45.5680



69.2750, 6.2734, -5.5032



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.



71.6160, 25.8253, -23.3422



79.9100, 39.9774, -35.8781



56.6970, 33.1804, -2.3653



56.8580, 2.0420, -1.6295



41.8390, 40.9984, -36.6928



85.0800, 82.2916, -74.6152

Inverse Universe

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



72.0410, 1.4588, 45.5680



80.7220, 2.1091, 70.4038



112.3030, -33.1804, 2.3653



57.0220, -0.0108, 3.4887



42.7330, 2.1036, 72.1482



86.2920, 4.7860, 145.3259

Previews

White Background



This preview shows how the YUV color 71.6160, 25.8253, -23.3422 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 71.6160, 25.8253, -23.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

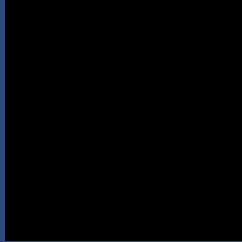
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.6160, 25.8253, -23.3422

Background



This preview shows how black text looks on a background with the YUV color 71.6160, 25.8253, -23.3422.



This preview shows how white text looks on a background with the YUV color 71.6160, 25.8253, -23.3422.

-23.3422.

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

71.6160, 25.8253, -23.3422

Protanopia

73.2040, 24.0564, -15.9649

Deuteranopia

71.0180, 26.1201, -24.5718



Tritanopia

66.0540, 11.3124, -35.1274

Trichromacy



Original Color

71.6160, 25.8253, -23.3422

Protanomaly

72.7090, 24.7935, -19.0388

Deuteranomaly

71.3170, 25.9727, -23.9570

Tritanomaly

67.8680, 16.8271, -30.5792

Monochromacy



Original Color

71.6160, 25.8253, -23.3422

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.7630, 9.4838, -8.5622

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.6160, 25.8253, -23.3422 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(45, 75, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 75, 124) }
```

Border

The CSS property to change the border of an element to YUV 71.6160, 25.8253, -23.3422 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, 124) }
```


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

```
.border{ border-color:rgb(45, 75, 124) }
```

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, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 75, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 75, 124);  
box-shadow:4px 4px 4px 4px rgb(45, 75,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 71.6160, 25.8253, -23.3422 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, 124) }
```

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

```
.background{ background-color: rgb(45, 75,  
124) }
```

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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