

Converting Colors

YUV(71.3620, 0.8075, -25.7505)

Have a look what the booklet for
YUV(71.3620, 0.8075, -25.7505)
contains.

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Color

**YUV(71.3620, 0.8075,
-25.7505)**

Conversions

Conversions Part 1

Format	Color
Hex	2A5649
RGB	42, 86, 73
RGB Percent	16%, 34%, 29%
CMY	0.8353, 0.6627, 0.7137
CMYK	0.51, 0.00, 0.15, 0.66
HSL	162°, 34%, 25%
HSV	162°, 51%, 34%
XYZ	5.4852, 7.6289, 7.4867
YIQ	71.3620, -22.0510, -13.3710

Conversions

Conversions Part 2

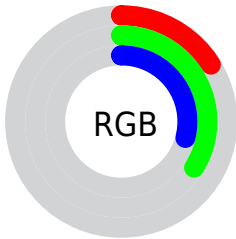
Format	Color
R_{YB}	42, 68, 86
Decimal	2774601
CIE _{Lab}	33.20, -18.84, 2.89
CIE _{LCh}	33, 19.057, 171.285
Yxy	7.6289, 0.2663, 0.3703
Android (android.graphics.Color)	4280964681 (0xFF2A5649)
YUV	71.3620, 0.8075, -25.7505
Hunter-Lab	27.6204, -12.8867, 3.2632

Details

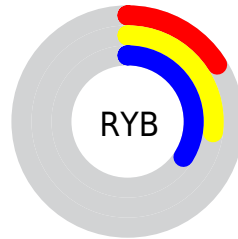
The YUV color **71.3620, 0.8075, -25.7505** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **56.6380, -0.8075, 25.7505**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.9490, 0.5181, -26.2653**, and **26.9000, 1.5283, -23.5913** is the 20% darker color. If you saturate the color by 10%, you get **68.3290, 0.8238, -30.9835**, and if you desaturate by 10%, it is **74.3950, 0.7913, -20.5174**.

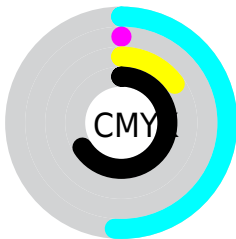
Distribution



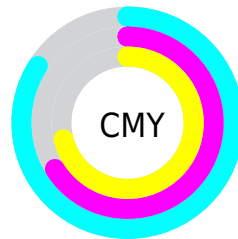
- Red (16%)
- Green (34%)
- Blue (29%)



- Red (16%)
- Yellow (27%)
- Blue (34%)



- Cyan (51%)
- Magenta (0%)
- Yellow (15%)
- Black (66%)



- Cyan (84%)
- Magenta (66%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.3620, 0.8075, -25.7505 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 71.3620, 0.8075, -25.7505 by changing the saturation by 10% instead.

■ 71.3620, 0.8075,
-25.7505

■ 71.3620, 0.8075,
-25.7505

■ 255.0000, 0.0000,
0.0000

■ 47.8780, 1.5391,
-27.0800

■ 120.9490, 0.5181,
-26.2653

■ 26.9000, 1.5283,
-23.5913

■ 146.5360, 0.2288,
-26.7801

■ 11.6090, -3.7512,
-10.1811

■ 173.8240, 0.0868,
-27.9096

■ 0.0000, 0.0000,
0.0000

■ 200.8240, 0.0868,
-27.9096

■ 229.4110, -0.2026,
-28.4244

■ 246.0300, 4.4222,

-18.4433

254.7010, 0.1474,
-0.6148

■ 71.3620, 0.8075,
-25.7505

■ 71.3620, 0.8075,
-25.7505

■ 68.3290, 0.8238,
-30.9835

■ 74.3950, 0.7913,
-20.5174

■ 65.7090, 1.1295,
-35.7018

■ 77.0150, 0.4856,
-15.7992

■ 62.6760, 1.1457,
-40.9349

■ 80.0480, 0.4693,
-10.5661

■ 60.0560, 1.4514,
-45.6531

■ 82.6680, 0.1637,
-5.8478

■ 57.4360, 1.7571,
-50.3714

■ 85.7010, 0.1474,
-0.6148

■ 88.6200, -0.3057,
4.7183

■ 91.3540, -0.1745,
9.3365

■ 94.2730, -0.6276,
14.6696

■ 97.0070, -0.4965,
19.2879

Harmonies

Analogous

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



73.9740, -7.3822, -12.2552



71.3620, 0.8075, -25.7505



68.5870, 9.5706, -36.4718

Triad

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



71.3620, 0.8075, -25.7505



78.8220, 13.3988, -4.2289



78.7440, -11.7058, 21.2725

Complementary

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



71.3620, 0.8075, -25.7505



56.6380, -0.8075, 25.7505

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.



79.3730, -5.6069, 25.1059



71.3620, 0.8075, -25.7505



79.9550, 8.4032, 11.4405

Square

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



71.3620, 0.8075, -25.7505



75.1080, 16.2158, -21.1427



80.1860, 1.3873, 21.7619



77.5920, -14.5889, 12.6358

Rectangle

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



71.3620, 0.8075, -25.7505



68.7270, 13.9386, -37.4716



80.1860, 1.3873, 21.7619



78.9230, -9.8220, 23.7465

Sweetspot

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



71.3620, 0.8075, -25.7505



106.3470, 0.3219, -9.9513



71.7150, -14.6495, -14.6591



52.6680, 0.1637, -5.8478



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



71.3620, 0.8075, -25.7505



89.3880, 1.2877, -39.8053



67.5610, 9.0904, -22.4170



41.6900, 0.1528, -2.3591



71.3590, 1.7950, -62.5818



156.7550, 4.0648, -137.4741

Inverse Universe

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



56.6380, -0.8075, 25.7505



66.6120, -1.2877, 39.8053



60.4390, -9.0904, 22.4170



40.3100, -0.1528, 2.3591



35.6410, -1.7950, 62.5818



78.1310, -4.5016, 137.5741

Previews

White Background



This preview shows how the YUV color 71.3620, 0.8075, -25.7505 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 71.3620, 0.8075, -25.7505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

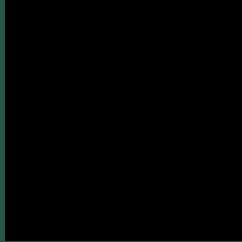
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.3620, 0.8075, -25.7505

Background



This preview shows how black text looks on a background with the YUV color 71.3620, 0.8075, -25.7505.



This preview shows how white text looks on a background with the YUV color 71.3620, 0.8075, -25.7505.

-25.7505.

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

71.3620, 0.8075, -25.7505

Protanopia

77.8710, -4.3734, 2.7441

Deuteranopia

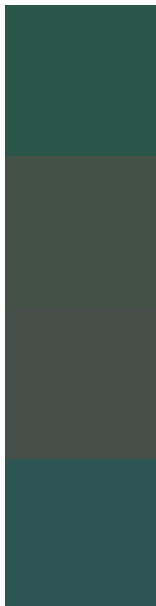
78.2890, -1.6215, 6.7625



Tritanopia

73.6210, 8.0748, -23.3466

Trichromacy



Original Color

71.3620, 0.8075, -25.7505

Protanomaly

75.5600, -2.7411, -7.5071

Deuteranomaly

75.7390, -0.8573, -5.0331

Tritanomaly

72.9260, 5.4595, -24.4911

Monochromacy



Original Color

71.3620, 0.8075, -25.7505

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.7600, 0.6113, -9.4365

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.3620, 0.8075, -25.7505 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(42, 86, 73)` looks like.

```
.text, #text, p{  
    color:rgb(42, 86, 73)  
}
```

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(42, 86, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 86, 73) }
```

Border

The CSS property to change the border of an element to YUV 71.3620, 0.8075, -25.7505 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(42, 86, 73) }
```


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

```
.border{ border-color:rgb(42, 86, 73) }
```

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

Here you see how a box with a 4 pixel rgb(42, 86, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 86, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 86, 73);  
box-shadow:4px 4px 4px 4px rgb(42, 86, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.3620, 0.8075, -25.7505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 86, 73) }
```

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

```
.background{ background-color: rgb(42, 86,  
73) }
```

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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