

Converting Colors

YUV(68.4680, 30.3353,
-23.2124)

Have a look what the booklet for
YUV(68.4680, 30.3353, -23.2124)
contains.

YUV(68.4680, 30.3353, -23.2124)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(68.4680, 30.3353,
-23.2124)**

Conversions

Conversions Part 1

Format	Color
Hex	2A4682
RGB	42, 70, 130
RGB Percent	16%, 27%, 51%
CMY	0.8353, 0.7255, 0.4902
CMYK	0.68, 0.46, 0.00, 0.49
HSL	221°, 51%, 34%
HSV	221°, 68%, 51%
XYZ	7.1743, 6.4843, 21.9926
YIQ	68.4680, -35.9480, 12.7240

Conversions

Conversions Part 2

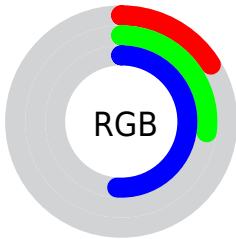
Format	Color
R_{YB}	42, 63, 130
Decimal	2770562
CIE Lab	30.60, 10.43, -37.00
CIE LCh	31, 38.440, 285.750
Yxy	6.4843, 0.2012, 0.1819
Android (android.graphics.Color)	4280960642 (0xFF2A4682)
YUV	68.4680, 30.3353, -23.2124
Hunter-Lab	25.4642, 5.7281, -33.3817

Details

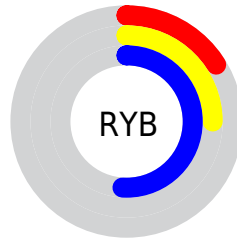
The YUV color **68.4680, 30.3353, -23.2124** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **103.5320, -30.3353, 23.2124**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.1310, 31.4874, -19.4089**, and **25.5560, 26.8409, -22.4126** is the 20% darker color. If you saturate the color by 10%, you get **59.2980, 34.8561, -26.5713**, and if you desaturate by 10%, it is **77.6380, 25.8145, -19.8535**.

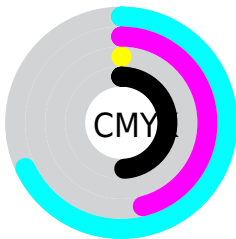
Distribution



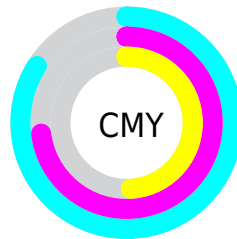
- Red (16%)
- Green (27%)
- Blue (51%)



- Red (16%)
- Yellow (25%)
- Blue (51%)



- Cyan (68%)
- Magenta (46%)
- Yellow (0%)
- Black (49%)



- Cyan (84%)
- Magenta (73%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.4680, 30.3353, -23.2124 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 68.4680, 30.3353, -23.2124 by changing the saturation by 10% instead.

■ 68.4680, 30.3353,
-23.2124

■ 68.4680, 30.3353,
-23.2124

■ 255.0000, 0.0000,
0.0000

■ 41.0430, 31.5308,
-33.3637

■ 119.1310, 31.4874,
-19.4089

■ 25.5560, 26.8409,
-22.4126

■ 145.0710, 32.5030,
-18.4793

■ 6.4980, 24.8975,
-5.6987

■ 172.5980, 33.2292,
-18.0644

■ 5.0500, 14.2723,
-4.4289

■ 198.5290, 27.8402,
-16.2499

■ 1.0260, 3.9312,
-0.8998

■ 223.3370, 15.6099,
-13.4505

■ 0.0000, 0.0000,
0.0000

■ 248.4440, 3.2321,

-10.0364

■ 68.4680, 30.3353,
-23.2124

■ 68.4680, 30.3353,
-23.2124

■ 59.2980, 34.8561,
-26.5713

■ 77.6380, 25.8145,
-19.8535

■ 50.1280, 39.3769,
-29.9303

■ 86.8080, 21.2937,
-16.4946

■ 40.9580, 43.8977,
-33.2892

■ 95.9780, 16.7728,
-13.1357

■ 38.8870, 44.9187,
-34.1039

■ 104.5610, 12.5414,
-9.2620

■ 113.7310, 8.0206,
-5.9031

■ 122.9010, 3.4998,
-2.5442

■ 132.0710, -1.0210,
0.8147

■ 141.2410, -5.5418,
4.1736

■ 150.4110,
-10.0626, 7.5326

Harmonies

Analogous

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



61.1930, 33.9219, -53.6663



68.4680, 30.3353, -23.2124



74.2620, 19.5908, 16.4332

Triad

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



68.4680, 30.3353, -23.2124



69.8130, -19.6278, 42.2600



56.2790, -0.1375, -49.3567

Complementary

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



68.4680, 30.3353, -23.2124



103.5320, -30.3353, 23.2124

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.



62.2750, -17.3906, -22.1662



68.4680, 30.3353, -23.2124



68.5540, -30.3461, 26.7011

Square

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



68.4680, 30.3353, -23.2124



69.5270, -5.6828, 49.5268



66.1230, -30.1336, 5.1541



60.4000, 13.1138, -52.9708

Rectangle

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



68.4680, 30.3353, -23.2124



73.0210, 11.8216, 35.0616



66.1230, -30.1336, 5.1541



54.5520, -4.2161, -47.8421

Sweetspot

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



68.4680, 30.3353, -23.2124



144.6320, 11.5204, -8.4473



100.3820, 0.3047, -51.2010



69.8020, 6.9996, -5.0884



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



68.4680, 30.3353, -23.2124



72.7450, 46.9607, -35.7334



56.5170, 36.2271, 0.4236



58.9720, 2.4788, -1.7294



38.6590, 44.0451, -33.9039



0.0000, 0.0000, 0.0000

Inverse Universe

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



71.5040, -0.7415, 51.3010



77.5660, -1.2650, 79.3106



115.4830, -36.2271, -0.4236



59.3210, -0.1583, 4.1035



42.9460, -0.9594, 74.5924



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 68.4680, 30.3353, -23.2124 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 68.4680, 30.3353, -23.2124 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 68.4680, 30.3353, -23.2124

Background



This preview shows how black text looks on a background with the YUV color 68.4680, 30.3353, -23.2124.



This preview shows how white text looks on a background with the YUV color 68.4680, 30.3353,

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

68.4680, 30.3353, -23.2124

Protanopia

68.7670, 30.1879, -22.5977

Deuteranopia

61.1450, 33.4525, -43.1002



Tritanopia

56.7640, 14.4133, -49.7820

Trichromacy



Original Color

68.4680, 30.3353, -23.2124

Protanomaly

68.7670, 30.1879, -22.5977

Deuteranomaly

63.8470, 32.1204, -35.8228

Tritanomaly

60.7250, 20.3486, -40.1008

Monochromacy



Original Color

68.4680, 30.3353, -23.2124

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.5180, 11.0836, -8.3473

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.4680, 30.3353, -23.2124 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, 70, 130)` looks like.

```
.text, #text, p{  
    color:rgb(42, 70, 130)  
}
```

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, 70, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 70, 130) }
```

Border

The CSS property to change the border of an element to YUV 68.4680, 30.3353, -23.2124 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, 70, 130) }
```


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

```
.border{ border-color:rgb(42, 70, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 70, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 70, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 70, 130);  
box-shadow:4px 4px 4px 4px rgb(42, 70,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 68.4680, 30.3353, -23.2124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 70, 130) }
```

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

```
.background{ background-color: rgb(42, 70,  
130) }
```

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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