

Converting Colors

YUV(63.2310, 23.0571,
-22.1276)

Have a look what the booklet for
YUV(63.2310, 23.0571, -22.1276)
contains.

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Color

**YUV(63.2310, 23.0571,
-22.1276)**

Conversions

Conversions Part 1

Format	Color
Hex	26436E
RGB	38, 67, 110
RGB Percent	15%, 26%, 43%
CMY	0.8510, 0.7373, 0.5686
CMYK	0.65, 0.39, 0.00, 0.57
HSL	216°, 49%, 29%
HSV	216°, 65%, 43%
XYZ	5.6210, 5.5522, 15.5273
YIQ	63.2310, -31.0870, 7.2250

Conversions

Conversions Part 2

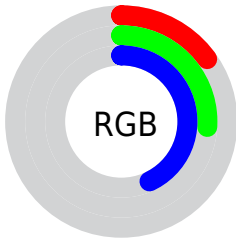
Format	Color
R_{YB}	38, 59, 110
Decimal	2507630
CIE _{Lab}	28.25, 4.06, -28.19
CIE _{LCh}	28, 28.481, 278.186
Yxy	5.5522, 0.2105, 0.2079
Android (android.graphics.Color)	4280697710 (0xFF26436E)
YUV	63.2310, 23.0571, -22.1276
Hunter-Lab	23.5630, 1.3458, -22.5760

Details

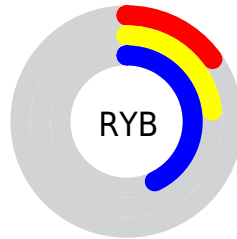
The YUV color **63.2310, 23.0571, -22.1276** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **84.7690, -23.0571, 22.1276**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.8830, 24.2147, -20.0684**, and **21.7430, 19.8467, -19.0686** is the 20% darker color. If you saturate the color by 10%, you get **55.8330, 26.7043, -25.2865**, and if you desaturate by 10%, it is **70.6290, 19.4099, -18.9686**.

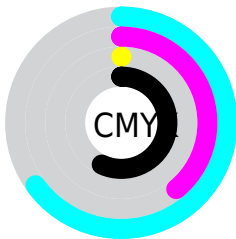
Distribution



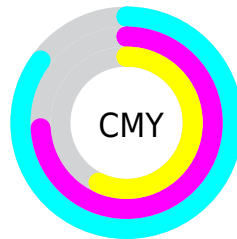
- Red (15%)
- Green (26%)
- Blue (43%)



- Red (15%)
- Yellow (23%)
- Blue (43%)



- Cyan (65%)
- Magenta (39%)
- Yellow (0%)
- Black (57%)



- Cyan (85%)
- Magenta (74%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.2310, 23.0571, -22.1276 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 63.2310, 23.0571, -22.1276 by changing the saturation by 10% instead.

■ 63.2310, 23.0571,
-22.1276

■ 63.2310, 23.0571,
-22.1276

■ 255.0000, 0.0000,
0.0000

■ 37.6000, 23.3682,
-28.5902

■ 112.8830, 24.2147,
-20.0684

■ 21.7430, 19.8467,
-19.0686

■ 138.7090, 24.7935,
-19.0388

■ 6.3210, 16.6037,
-5.5435

■ 165.2360, 25.5197,
-18.6240

■ 2.6390, 7.5730,
-2.3144

■ 193.0510, 26.1039,
-19.3387

■ 0.0000, 0.0000,
0.0000

■ 218.2980, 18.0941,
-16.9243

■ 243.9920, 5.4269,

-14.0250

■ 63.2310, 23.0571,
-22.1276

■ 63.2310, 23.0571,
-22.1276

■ 55.8330, 26.7043,
-25.2865

■ 70.6290, 19.4099,
-18.9686

■ 49.0220, 30.0622,
-28.9603

■ 77.4400, 16.0521,
-15.2949

■ 41.6240, 33.7094,
-32.1192

■ 84.8380, 12.4049,
-12.1359

■ 38.3680, 35.3146,
-33.6487

■ 91.6490, 9.0470,
-8.4622

■ 99.0470, 5.3998,
-5.3032

■ 105.8580, 2.0420,
-1.6295

■ 113.2560, -1.6052,
1.5295

■ 120.6540, -5.2524,
4.6884

■ 127.4650, -8.6102,
8.3622

Harmonies

Analogous

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



55.0490, 25.6118, -48.2780



63.2310, 23.0571, -22.1276



68.2840, 16.1290, 6.7669

Triad

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



63.2310, 23.0571, -22.1276



66.2940, -12.4699, 33.0682



54.7970, -2.3649, -34.9020

Complementary

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



63.2310, 23.0571, -22.1276



84.7690, -23.0571, 22.1276

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.



61.3350, -14.9552, -9.9408



63.2310, 23.0571, -22.1276



65.5780, -20.0050, 23.1721

Square

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



63.2310, 23.0571, -22.1276



66.5360, -2.7292, 35.4869



63.5500, -20.9771, 8.2877



53.9940, 8.8770, -47.3527

Rectangle

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



63.2310, 23.0571, -22.1276



68.8790, 10.4127, 20.2771



63.5500, -20.9771, 8.2877



58.4840, -7.6336, -24.9805

Sweetspot

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



63.2310, 23.0571, -22.1276



124.3500, 9.1945, -9.0769



85.0520, -2.4906, -41.2646



60.0470, 5.3998, -5.3032



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



63.2310, 23.0571, -22.1276



69.2970, 36.3356, -34.4635



48.0020, 30.5650, -3.5098



52.4450, 1.7526, -2.1443



41.8560, 38.5250, -36.7077



86.8580, 78.9500, -76.1745

Inverse Universe

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



62.8340, 2.0538, 41.3646



68.9170, 2.9989, 64.9708



99.9980, -30.5650, 3.5098



52.1360, 0.4260, 3.3887



41.3520, 3.2775, 68.9743



85.2530, 7.2703, 141.8521

Previews

White Background



This preview shows how the YUV color 63.2310, 23.0571, -22.1276 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 63.2310, 23.0571, -22.1276 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 63.2310, 23.0571, -22.1276

Background



This preview shows how black text looks on a background with the YUV color 63.2310, 23.0571, -22.1276.



This preview shows how white text looks on a background with the YUV color 63.2310, 23.0571,

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

63.2310, 23.0571, -22.1276

Protanopia

65.1180, 21.1408, -14.1355

Deuteranopia

63.2310, 23.0571, -22.1276



Tritanopia

57.5380, 10.5808, -33.7978

Trichromacy



Original Color

63.2310, 23.0571, -22.1276

Protanomaly

64.6230, 21.8779, -17.2094

Deuteranomaly

63.2310, 23.0571, -22.1276

Tritanomaly

59.7110, 14.9325, -29.5645

Monochromacy



Original Color

63.2310, 23.0571, -22.1276

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.8340, 8.4628, -7.7474

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.2310, 23.0571, -22.1276 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(38, 67, 110)` looks like.

```
.text, #text, p{  
    color:rgb(38, 67, 110)  
}
```

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(38, 67, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 67, 110) }
```

Border

The CSS property to change the border of an element to YUV 63.2310, 23.0571, -22.1276 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(38, 67, 110) }
```


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

```
.border{ border-color:rgb(38, 67, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 67, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 67, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 67, 110);  
box-shadow:4px 4px 4px 4px rgb(38, 67,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 63.2310, 23.0571, -22.1276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 67, 110) }
```

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

```
.background{ background-color: rgb(38, 67,  
110) }
```

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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