

Converting Colors

YUV(82.8440, 26.6989,
-23.5422)

Have a look what the booklet for
YUV(82.8440, 26.6989, -23.5422)
contains.

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Color

**YUV(82.8440, 26.6989,
-23.5422)**

Conversions

Conversions Part 1

Format	Color
Hex	385689
RGB	56, 86, 137
RGB Percent	22%, 34%, 54%
CMY	0.7804, 0.6627, 0.4627
CMYK	0.59, 0.37, 0.00, 0.46
HSL	218°, 42%, 38%
HSV	218°, 59%, 54%
XYZ	9.4740, 9.3025, 24.9631
YIQ	82.8440, -34.2510, 9.5010

Conversions

Conversions Part 2

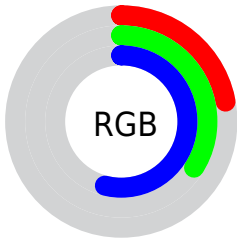
Format	Color
R_{YB}	56, 78, 137
Decimal	3692169
CIE _{Lab}	36.56, 5.28, -31.79
CIE _{LCh}	37, 32.222, 279.425
Yxy	9.3025, 0.2166, 0.2127
Android (android.graphics.Color)	4281882249 (0xFF385689)
YUV	82.8440, 26.6989, -23.5422
Hunter-Lab	30.5000, 2.0715, -27.1768

Details

The YUV color **82.8440, 26.6989, -23.5422** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **110.1560, -26.6989, 23.5422**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.6100, 28.2933, -21.5830**, and **33.9850, 26.1364, -29.8048** is the 20% darker color. If you saturate the color by 10%, you get **73.3750, 31.3671, -27.5159**, and if you desaturate by 10%, it is **92.3130, 22.0307, -19.5685**.

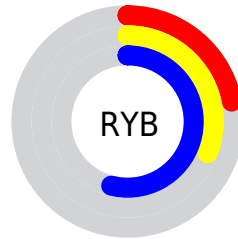
Distribution



Red (22%)

Green (34%)

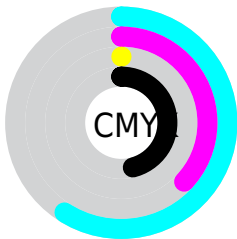
Blue (54%)



Red (22%)

Yellow (31%)

Blue (54%)

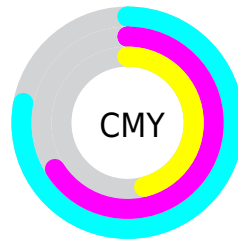


Cyan (59%)

Magenta (37%)

Yellow (0%)

Black (46%)



Cyan (78%)

Magenta (66%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.8440, 26.6989, -23.5422 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 82.8440, 26.6989, -23.5422 by changing the saturation by 10% instead.

■ 82.8440, 26.6989,
-23.5422

■ 82.8440, 26.6989,
-23.5422

■ 255.0000, 0.0000,
0.0000

■ 57.7080, 26.2730,
-26.9309

■ 133.6100, 28.2933,
-21.5830

■ 33.9850, 26.1364,
-29.8048

■ 160.7240, 28.7301,
-21.6829

■ 19.5090, 21.4411,
-17.1094

■ 188.1370, 29.0195,
-21.1681

■ 6.4350, 17.0405,
-5.6435

■ 213.2700, 20.5729,
-18.6538

■ 2.7530, 8.0098,
-2.4144

■ 238.9640, 7.9057,
-15.7544

■ 0.0000, 0.0000,
0.0000

■ 253.5050, 0.7370,

-3.0739

■ 82.8440, 26.6989,
-23.5422

■ 82.8440, 26.6989,
-23.5422

■ 73.3750, 31.3671,
-27.5159

■ 92.3130, 22.0307,
-19.5685

■ 64.7920, 35.5985,
-31.3896

■ 100.8960, 17.7993,
-15.6948

■ 55.3230, 40.2668,
-35.3633

■ 110.3650, 13.1311,
-11.7211

■ 45.8540, 44.9350,
-39.3370

■ 119.8340, 8.4628,
-7.7474

■ 45.5550, 45.0824,
-39.9517

■ 128.7160, 4.0840,
-3.2589

■ 137.8860, -0.4368,
0.1000

■ 146.7680, -4.8156,
4.5885

■ 156.2370, -9.4838,
8.5622

■ 165.4070,
-14.0047, 11.9211

Harmonies

Analogous

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



70.4540, 31.3282, -61.7882



82.8440, 26.6989, -23.5422



88.5770, 18.4495, 9.1410

Triad

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



82.8440, 26.6989, -23.5422



85.8280, -15.6912, 39.6158



72.6390, -2.7800, -41.7794

Complementary

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



82.8440, 26.6989, -23.5422



110.1560, -26.6989, 23.5422

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.



79.6290, -17.5651, -12.8296



82.8440, 26.6989, -23.5422



84.6880, -23.5102, 27.4606

Square

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



82.8440, 26.6989, -23.5422



86.6400, -3.7665, 41.5347



82.6380, -24.4715, 9.0875



68.8290, 12.4093, -60.3630

Rectangle

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



82.8440, 26.6989, -23.5422



88.3680, 12.1436, 25.1103



82.6380, -24.4715, 9.0875



76.2230, -8.4909, -30.0136

Sweetspot

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



82.8440, 26.6989, -23.5422



156.8060, 10.9416, -9.4769



109.2470, -1.6008, -46.6976



76.2750, 6.2734, -5.5032



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



82.8440, 26.6989, -23.5422



94.0670, 41.8720, -36.8928



67.9250, 34.0540, -2.5652



64.5590, 2.1894, -2.2442



43.9250, 43.9140, -38.5222



1.7440, 1.6052, -1.5295

Inverse Universe

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



83.6390, 1.1640, 46.7976



95.3310, 1.8088, 73.3777



125.0750, -34.0540, 2.5652



64.4350, 0.2785, 4.0035



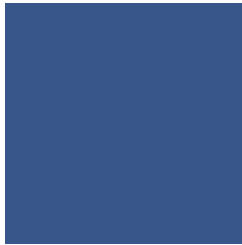
45.3530, 1.7980, 76.8664



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 82.8440, 26.6989, -23.5422 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 82.8440, 26.6989, -23.5422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

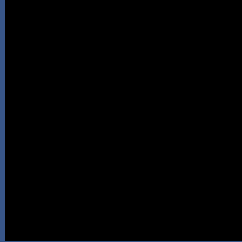
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.8440, 26.6989, -23.5422

Background



This preview shows how black text looks on a background with the YUV color 82.8440, 26.6989, -23.5422.



This preview shows how white text looks on a background with the YUV color 82.8440, 26.6989,

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

82.8440, 26.6989, -23.5422

Protanopia

84.7310, 24.7826, -15.5501

Deuteranopia

82.8440, 26.6989, -23.5422



Tritanopia

78.0650, 11.3070, -33.3830

Trichromacy



Original Color

82.8440, 26.6989, -23.5422

Protanomaly

84.2360, 25.5197, -18.6240

Deuteranomaly

82.8440, 26.6989, -23.5422

Tritanomaly

79.5800, 16.9691, -29.4497

Monochromacy



Original Color

82.8440, 26.6989, -23.5422

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.8770, 9.9206, -8.6621

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8440, 26.6989, -23.5422 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(56, 86, 137)` looks like.

```
.text, #text, p{  
    color:rgb(56, 86, 137)  
}
```

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(56, 86, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 86, 137) }
```

Border

The CSS property to change the border of an element to YUV 82.8440, 26.6989, -23.5422 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(56, 86, 137) }
```


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

```
.border{ border-color:rgb(56, 86, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 86, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 86, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 86, 137);  
box-shadow:4px 4px 4px 4px rgb(56, 86,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 82.8440, 26.6989, -23.5422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 86, 137) }
```

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

```
.background{ background-color: rgb(56, 86,  
137) }
```

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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