

Converting Colors

YUV(30.8510, 59.7265,
-23.5483)

Have a look what the booklet for
YUV(30.8510, 59.7265, -23.5483)
contains.

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Color

**YUV(30.8510, 59.7265,
-23.5483)**

Conversions

Conversions Part 1

Format	Color
Hex	041598
RGB	4, 21, 152
RGB Percent	2%, 8%, 60%
CMY	0.9843, 0.9176, 0.4039
CMYK	0.97, 0.86, 0.00, 0.40
HSL	233°, 95%, 31%
HSV	233°, 97%, 60%
XYZ	5.9857, 2.8291, 29.9364
YIQ	30.8510, -52.1830, 37.1370

Conversions

Conversions Part 2

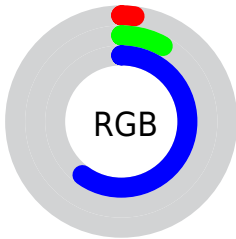
Format	Color
R _Y B	4, 19, 152
Decimal	267672
CIE Lab	19.35, 46.57, -69.11
CIE LCh	19, 83.337, 303.977
Yxy	2.8291, 0.1545, 0.0730
Android (android.graphics.Color)	4278457752 (0xFF041598)
YUV	30.8510, 59.7265, -23.5483
Hunter-Lab	16.8201, 34.0875, -93.7504

Details

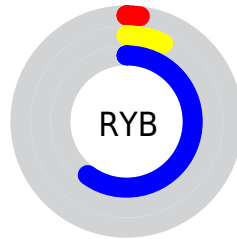
The YUV color **30.8510, 59.7265, -23.5483** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **125.1490, -59.7265, 23.5483**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.5380, 57.9088, -0.4718**, and **11.4000, 43.6798, -9.9978** is the 20% darker color. If you saturate the color by 10%, you get **27.3070, 61.4736, -23.9482**, and if you desaturate by 10%, it is **42.9670, 53.7533, -21.0191**.

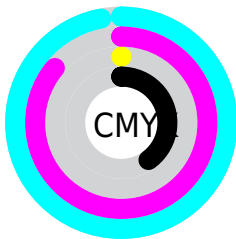
Distribution



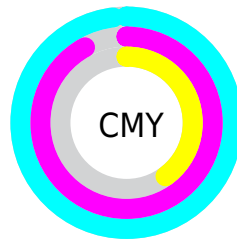
- Red (2%)
- Green (8%)
- Blue (60%)



- Red (2%)
- Yellow (7%)
- Blue (60%)



- Cyan (97%)
- Magenta (86%)
- Yellow (0%)
- Black (40%)



- Cyan (98%)
- Magenta (92%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.8510, 59.7265, -23.5483 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 30.8510, 59.7265, -23.5483 by changing the saturation by 10% instead.

■ 30.8510, 59.7265,
-23.5483

■ 30.8510, 59.7265,
-23.5483

■ 255.0000, 0.0000,
0.0000

■ 14.2500, 54.5998,
-12.4972

■ 90.5380, 57.9088,
-0.4718

■ 11.4000, 43.6798,
-9.9978

■ 117.3750, 58.4821,
2.3021

■ 13.1320, 30.0079,
-11.5168

■ 143.1860, 55.1243,
5.9759

■ 8.1620, 21.1191,
-7.1581

■ 167.4180, 43.1779,
11.0344

■ 4.4800, 12.0884,
-3.9290

■ 192.2370, 30.9422,
15.5782

■ 0.0000, 0.0000,
0.0000

■ 217.6430, 18.4170,

19.6071

■ 238.5640, 8.1029,
14.4144

■ 30.8510, 59.7265,
-23.5483

■ 30.8510, 59.7265,
-23.5483

■ 27.3070, 61.4736,
-23.9482

■ 42.9670, 53.7533,
-21.0191

■ 55.6700, 47.4907,
-19.0046

■ 68.0850, 41.3701,
-15.8605

■ 80.7880, 35.1075,
-13.8461

■ 92.9040, 29.1343,
-11.3168

■ 105.6070, 22.8717,
-9.3023

■ 117.7230, 16.8986,
-6.7731

■ 130.7250, 10.4886,
-4.1438

■ 142.8410, 4.5154,
-1.6146

Harmonies

Analogous

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



53.4090, 59.9444, -46.8397



30.8510, 59.7265, -23.5483



46.9100, 27.1594, 62.3459

Triad

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



30.8510, 59.7265, -23.5483



35.7590, -17.6292, 54.5854



44.8980, 4.4873, -39.3755

Complementary

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



30.8510, 59.7265, -23.5483



125.1490, -59.7265, 23.5483

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.



37.5680, -18.5210, -32.9471



30.8510, 59.7265, -23.5483



43.7240, -21.5559, 7.2581

Square

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



30.8510, 59.7265, -23.5483



38.8700, -19.1629, 79.9210



34.6330, -17.0741, -30.3731



52.5530, 31.2794, -46.0890

Rectangle

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



30.8510, 59.7265, -23.5483



48.3300, 6.7393, 78.6406



34.6330, -17.0741, -30.3731



42.3900, -5.1223, -37.1760

Sweetspot

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



30.8510, 59.7265, -23.5483



149.6070, 22.8717, -9.3023



105.8100, 14.3907, -89.2874



71.2240, 13.6936, -5.4584



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



30.8510, 59.7265, -23.5483



35.8450, 78.9564, -31.4361



37.9150, 56.2439, 20.2455



70.4990, 3.2050, -1.3146



25.3520, 56.5215, -22.2337



2.0690, 5.3890, -1.8145

Inverse Universe

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



50.1900, -14.3907, 89.2874



61.2260, -18.8454, 118.1968



118.0850, -56.2439, -20.2455



71.5060, -0.7425, 4.8182



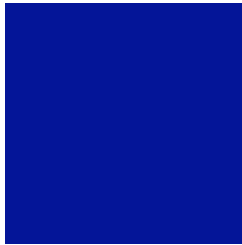
43.6840, -13.6482, 84.4691



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 30.8510, 59.7265, -23.5483 looks on a white background.

Color Contrast Check

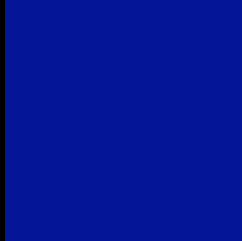
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.8510, 59.7265, -23.5483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

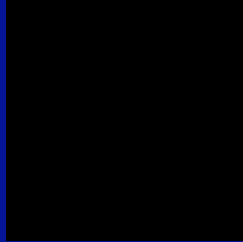
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.8510, 59.7265, -23.5483

Background



This preview shows how black text looks on a background with the YUV color 30.8510, 59.7265, -23.5483.



This preview shows how white text looks on a background with the YUV color 30.8510, 59.7265,

-23.5483.

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

30.8510, 59.7265, -23.5483

Protanopia

38.7610, 29.2048, -33.9934

Deuteranopia

38.8120, 21.7847, -34.0381



Tritanopia

38.0820, 8.8336, -33.3979

Trichromacy



Original Color

30.8510, 59.7265, -23.5483

Protanomaly

36.0570, 40.3979, -30.7450

Deuteranomaly

35.5040, 35.7405, -30.2600

Tritanomaly

35.3270, 27.4468, -30.1048

Monochromacy



Original Color

30.8510, 59.7265, -23.5483

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.6780, 21.8507, -8.4876

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.8510, 59.7265, -23.5483 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(4, 21, 152)` looks like.

```
.text, #text, p{  
    color:rgb(4, 21, 152)  
}
```

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(4, 21, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 21, 152) }
```

Border

The CSS property to change the border of an element to YUV 30.8510, 59.7265, -23.5483 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(4, 21, 152) }
```


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

```
.border{ border-color:rgb(4, 21, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 21, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 21, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 21, 152);  
box-shadow:4px 4px 4px 4px rgb(4, 21, 152)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.8510, 59.7265, -23.5483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 21, 152) }
```

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

```
.background{ background-color: rgb(4, 21,  
152) }
```

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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