

Converting Colors

YUV(24.0800, 59.1206,
-15.8562)

Have a look what the booklet for
YUV(24.0800, 59.1206, -15.8562)
contains.

YUV(24.0800, 59.1206, -15.8562)	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(24.0800, 59.1206,
-15.8562)**

Conversions

Conversions Part 1

Format	Color
Hex	060A90
RGB	6, 10, 144
RGB Percent	2%, 4%, 56%
CMY	0.9765, 0.9608, 0.4353
CMYK	0.96, 0.93, 0.00, 0.44
HSL	238°, 92%, 29%
HSV	238°, 96%, 56%
XYZ	5.2177, 2.2694, 26.5486
YIQ	24.0800, -45.3980, 40.8260

Conversions

Conversions Part 2

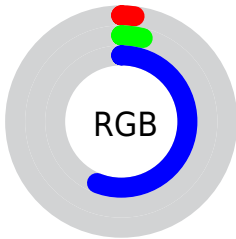
Format	Color
RYB	6, 10, 144
Decimal	395920
CIELab	16.84, 48.47, -68.32
CIELCh	17, 83.768, 305.352
Yxy	2.2694, 0.1533, 0.0667
Android (android.graphics.Color)	4278586000 (0xFF060A90)
YUV	24.0800, 59.1206, -15.8562
Hunter-Lab	15.0646, 35.4613, -93.9427

Details

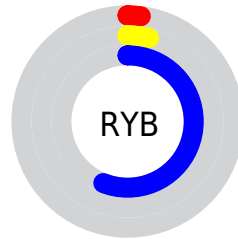
The YUV color **24.0800, 59.1206, -15.8562** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **125.9200, -59.1206, 15.8562**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.5170, 56.4401, 3.9316**, and **10.4880, 40.1854, -9.1980** is the 20% darker color. If you saturate the color by 10%, you get **18.7640, 61.7413, -16.4560**, and if you desaturate by 10%, it is **36.4840, 53.0054, -14.4565**.

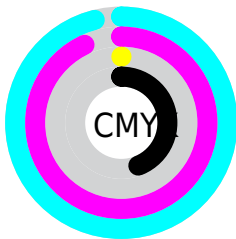
Distribution



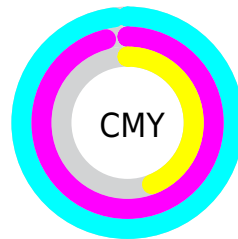
- Red (2%)
- Green (4%)
- Blue (56%)



- Red (2%)
- Yellow (4%)
- Blue (56%)



- Cyan (96%)
- Magenta (93%)
- Yellow (0%)
- Black (44%)



- Cyan (98%)
- Magenta (96%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.0800, 59.1206, -15.8562 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 24.0800, 59.1206, -15.8562 by changing the saturation by 10% instead.

■ 24.0800, 59.1206,
-15.8562

■ 24.0800, 59.1206,
-15.8562

■ 250.3040, 2.3151,
4.1184

■ 13.4520, 51.5422,
-11.7974

■ 84.5170, 56.4401,
3.9316

■ 10.4880, 40.1854,
-9.1980

■ 110.8810, 57.7397,
7.1204

■ 11.7470, 27.2397,
-10.3021

■ 137.8920, 57.7342,
8.8647

■ 6.7770, 18.3509,
-5.9434

■ 162.1240, 45.7879,
13.9233

■ 3.0950, 9.3202,
-2.7143

■ 186.3560, 33.8415,
18.9818

■ 0.0000, 0.0000,
0.0000

■ 211.7620, 21.3163,

23.0107

■ 233.2810, 10.7075,
19.0476

■ 24.0800, 59.1206,
-15.8562

■ 24.0800, 59.1206,
-15.8562

■ 18.7640, 61.7413,
-16.4560

■ 36.4840, 53.0054,
-14.4565

■ 49.1870, 46.7428,
-12.4420

■ 61.5910, 40.6276,
-11.0423

■ 74.2940, 34.3651,
-9.0278

■ 86.6980, 28.2499,
-7.6281

■ 99.1020, 22.1347,
-6.2285

■ 111.8050, 15.8721,
-4.2140

■ 124.2090, 9.7570,
-2.8143

■ 136.9120, 3.4944,
-0.7998

Harmonies

Analogous

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



49.0890, 58.6231, -43.0511



24.0800, 59.1206, -15.8562



44.6880, 23.8178, 60.7866

Triad

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



24.0800, 59.1206, -15.8562



30.7200, -15.1450, 51.1116



40.5610, 5.6394, -35.5720

Complementary

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



24.0800, 59.1206, -15.8562



125.9200, -59.1206, 15.8562

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.



34.0460, -16.7847, -29.8583



24.0800, 59.1206, -15.8562



38.6850, -19.0717, 3.7843

Square

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



24.0800, 59.1206, -15.8562



36.4780, -17.9837, 75.0028



31.6980, -15.6271, -27.7991



49.1620, 30.9791, -43.1151

Rectangle

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



24.0800, 59.1206, -15.8562



45.3250, 4.2768, 75.1370



31.6980, -15.6271, -27.7991



38.0530, -3.9701, -33.3725

Sweetspot

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



24.0800, 59.1206, -15.8562



139.3300, 23.0083, -6.4284



102.1680, 18.1582, -84.3393



65.3490, 14.1249, -3.8141



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



24.0800, 59.1206, -15.8562



24.1390, 79.7975, -21.1699



40.8680, 50.8441, 25.5488



64.7980, 3.0576, -0.6998



17.7380, 57.8102, -15.5562



0.9120, 3.4944, -0.7998

Inverse Universe

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



47.7180, -18.5950, 84.4393



56.1840, -25.2337, 113.8486



109.1320, -50.8441, -25.5488



66.0930, -1.0318, 4.3034



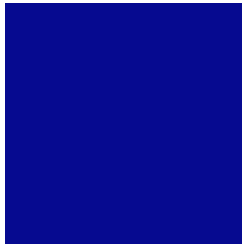
40.8210, -18.1528, 82.5950



2.3920, -1.1793, 4.9182

Previews

White Background



This preview shows how the YUV color 24.0800, 59.1206, -15.8562 looks on a white background.

Color Contrast Check

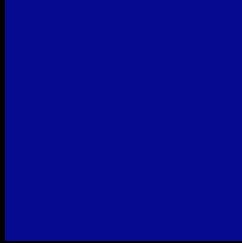
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0800, 59.1206, -15.8562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

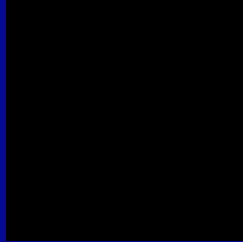
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.0800, 59.1206, -15.8562

Background



This preview shows how black text looks on a background with the YUV color 24.0800, 59.1206, -15.8562.



This preview shows how white text looks on a background with the YUV color 24.0800, 59.1206, -15.8562.

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

24.0800, 59.1206, -15.8562

Protanopia

35.3870, 26.4312, -31.0344

Deuteranopia

35.6660, 19.8847, -31.2791



Tritanopia

34.5770, 8.0965, -30.3240

Trichromacy



Original Color

24.0800, 59.1206, -15.8562

Protanomaly

31.2210, 38.3450, -25.6268

Deuteranomaly

31.4830, 34.2719, -25.8566

Tritanomaly

30.8330, 26.7043, -25.2865

Monochromacy



Original Color

24.0800, 59.1206, -15.8562

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.9880, 21.6979, -6.1285

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.0800, 59.1206, -15.8562 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(6, 10, 144)` looks like.

```
.text, #text, p{  
    color:rgb(6, 10, 144)  
}
```

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(6, 10, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 10, 144) }
```

Border

The CSS property to change the border of an element to YUV 24.0800, 59.1206, -15.8562 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(6, 10, 144) }
```


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

```
.border{ border-color:rgb(6, 10, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 10, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 10, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 10, 144);  
box-shadow:4px 4px 4px 4px rgb(6, 10, 144)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.0800, 59.1206, -15.8562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 10, 144) }
```

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

```
.background{ background-color: rgb(6, 10,  
144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor