

Converting Colors

YUV(87.1320, 23.1059,
-37.8268)

Have a look what the booklet for
YUV(87.1320, 23.1059, -37.8268)
contains.

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Color

**YUV(87.1320, 23.1059,
-37.8268)**

Conversions

Conversions Part 1

Format	Color
Hex	2C6486
RGB	44, 100, 134
RGB Percent	17%, 39%, 53%
CMY	0.8275, 0.6078, 0.4745
CMYK	0.67, 0.25, 0.00, 0.47
HSL	203°, 51%, 35%
HSV	203°, 67%, 53%
XYZ	9.8990, 11.3710, 24.2274
YIQ	87.1320, -44.2900, -1.2980

Conversions

Conversions Part 2

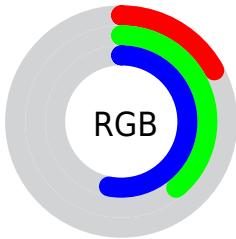
Format	Color
RYB	44, 79, 134
Decimal	2909318
CIELab	40.20, -6.99, -24.30
CIElCh	40, 25.285, 253.951
Yxy	11.3710, 0.2176, 0.2499
Android (android.graphics.Color)	4281099398 (0xFF2C6486)
YUV	87.1320, 23.1059, -37.8268
Hunter-Lab	33.7210, -6.6122, -18.9931

Details

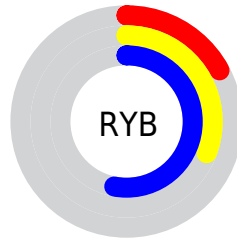
The YUV color **87.1320, 23.1059, -37.8268** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **90.8680, -23.1059, 37.8268**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.8550, 23.2425, -34.9528**, and **41.2740, 21.0639, -36.1973** is the 20% darker color. If you saturate the color by 10%, you get **80.3100, 26.4692, -43.2449**, and if you desaturate by 10%, it is **93.9540, 19.7427, -32.4087**.

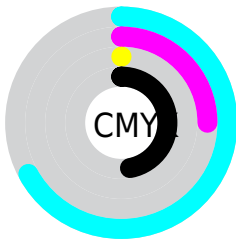
Distribution



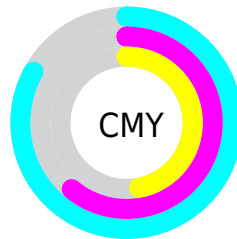
- Red (17%)
- Green (39%)
- Blue (53%)



- Red (17%)
- Yellow (31%)
- Blue (53%)



- Cyan (67%)
- Magenta (25%)
- Yellow (0%)
- Black (47%)



- Cyan (83%)
- Magenta (61%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.1320, 23.1059, -37.8268 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 87.1320, 23.1059, -37.8268 by changing the saturation by 10% instead.

87.1320, 23.1059,
-37.8268

87.1320, 23.1059,
-37.8268

255.0000, 0.0000,
0.0000

58.5330, 24.8802,
-46.9484

139.8550, 23.2425,
-34.9528

41.2740, 21.0639,
-36.1973

166.3820, 23.9687,
-34.5380

25.7380, 17.3842,
-22.5722

194.4960, 24.4055,
-34.6380

6.7940, 15.8776,
-5.9583

220.5580, 16.9799,
-32.9384

2.5250, 7.1362,
-2.2144

241.8440, 6.4859,
-27.0502

0.0000, 0.0000,
0.0000

250.5150, 2.2111,

-9.2217

■ 87.1320, 23.1059,
-37.8268

■ 87.1320, 23.1059,
-37.8268

■ 80.3100, 26.4692,
-43.2449

■ 93.9540, 19.7427,
-32.4087

■ 73.1890, 29.9798,
-49.2778

■ 101.0750, 16.2320,
-26.3758

■ 66.3670, 33.3431,
-54.6959

■ 107.8970, 12.8688,
-20.9577

■ 63.9970, 34.5115,
-56.1254

■ 115.0180, 9.3581,
-14.9248

■ 121.8400, 5.9949,
-9.5067

■ 128.6620, 2.6316,
-4.0886

■ 135.7830, -0.8790,
1.9443

■ 142.6050, -4.2423,
7.3624

■ 150.3130, -8.0423,
12.8805

Harmonies

Analogous

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



75.6680, 23.3347, -64.6068



87.1320, 23.1059, -37.8268



93.9010, 20.2618, -12.1912

Triad

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



87.1320, 23.1059, -37.8268



96.5420, -5.1972, 33.7277



89.8940, -12.7657, -12.1850

Complementary

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



87.1320, 23.1059, -37.8268



90.8680, -23.1059, 37.8268

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.



92.6960, -19.0771, 5.5286



87.1320, 23.1059, -37.8268



95.5280, -14.0643, 31.1089

Square

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



87.1320, 23.1059, -37.8268



97.4300, 4.7180, 26.8099



94.3820, -19.4153, 20.7130



85.7480, -1.3548, -32.2280

Rectangle

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



87.1320, 23.1059, -37.8268



96.5610, 15.9924, 3.8930



94.3820, -19.4153, 20.7130



90.6560, -15.1134, -5.8373

Sweetspot

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



87.1320, 23.1059, -37.8268



155.2030, 8.7739, -14.2100



100.5920, -11.6309, -49.6312



76.0250, 5.4107, -8.7919



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



87.1320, 23.1059, -37.8268



100.0290, 35.9747, -58.7844



61.3040, 35.8391, -15.1756



63.0320, 1.4632, -2.6591



62.3670, 33.3431, -54.6959



1.5160, 0.7316, -1.3295

Inverse Universe

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



77.2940, 11.1941, 49.7312



84.7780, 17.3644, 77.3707



116.6960, -35.8391, 15.1756



62.2500, 0.8628, 3.2888



48.1040, 16.2177, 71.8228



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 87.1320, 23.1059, -37.8268 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 × Fail

Black Background



This preview shows how the YUV color 87.1320, 23.1059, -37.8268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

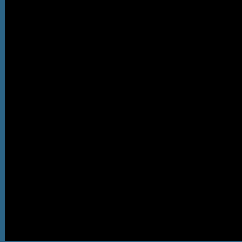
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.1320, 23.1059, -37.8268

Background



This preview shows how black text looks on a background with the YUV color 87.1320, 23.1059, -37.8268.



This preview shows how white text looks on a background with the YUV color 87.1320, 23.1059, -37.8268.

-37.8268.

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

87.1320, 23.1059, -37.8268

Protanopia

94.4130, 17.0514, -9.1322

Deuteranopia

93.8900, 20.2672, -13.9355



Tritanopia

83.0850, 14.2551, -45.6785

Trichromacy



Original Color

87.1320, 23.1059, -37.8268

Protanomaly

91.9170, 19.2679, -20.0982

Deuteranomaly

91.4760, 21.4573, -22.3425

Tritanomaly

84.9050, 17.3018, -42.8897

Monochromacy



Original Color

87.1320, 23.1059, -37.8268

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0890, 8.3371, -14.1101

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.1320, 23.1059, -37.8268 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(44, 100, 134)` looks like.

```
.text, #text, p{  
    color:rgb(44, 100, 134)  
}
```

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(44, 100, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 100, 134) }
```

Border

The CSS property to change the border of an element to YUV 87.1320, 23.1059, -37.8268 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(44, 100, 134) }
```


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

```
.border{ border-color:rgb(44, 100, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 100, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 100, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 100, 134);  
box-shadow:4px 4px 4px 4px rgb(44, 100,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 87.1320, 23.1059, -37.8268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 100, 134) }
```

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

```
.background{ background-color: rgb(44, 100,  
134) }
```

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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