

Converting Colors

YUV(58.1360, 57.6140, 0.7577)

Have a look what the booklet for
YUV(58.1360, 57.6140, 0.7577)
contains.

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Color

**YUV(58.1360, 57.6140,
0.7577)**

Conversions

Conversions Part 1

Format	Color
Hex	3B23AF
RGB	59, 35, 175
RGB Percent	23%, 14%, 69%
CMY	0.7686, 0.8627, 0.3137
CMYK	0.66, 0.80, 0.00, 0.31
HSL	250°, 67%, 41%
HSV	250°, 80%, 69%
XYZ	10.1425, 5.2270, 41.0318
YIQ	58.1360, -30.6360, 48.6280

Conversions

Conversions Part 2

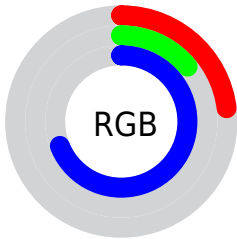
Format	Color
R_{YB}	59, 35, 175
Decimal	3875759
CIE _{Lab}	27.37, 50.21, -69.68
CIE _{LCh}	27, 85.887, 305.775
Yxy	5.2270, 0.1798, 0.0927
Android (android.graphics.Color)	4282065839 (0xFF3B23AF)
YUV	58.1360, 57.6140, 0.7577
Hunter-Lab	22.8627, 39.1780, -90.4043

Details

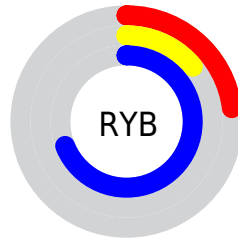
The YUV color **58.1360, 57.6140, 0.7577** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **151.8640, -57.6140, -0.7577**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.2340, 59.0446, 8.5648**, and **13.7940, 52.8526, -12.0973** is the 20% darker color. If you saturate the color by 10%, you get **43.3840, 64.8867, 1.4172**, and if you desaturate by 10%, it is **73.1870, 50.1938, 0.7130**.

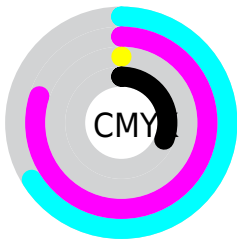
Distribution



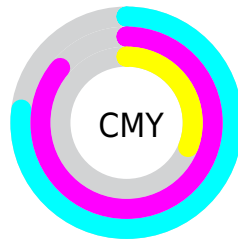
- Red (23%)
- Green (14%)
- Blue (69%)



- Red (23%)
- Yellow (14%)
- Blue (69%)



- Cyan (66%)
- Magenta (80%)
- Yellow (0%)
- Black (31%)



- Cyan (77%)
- Magenta (86%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.1360, 57.6140, 0.7577 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 58.1360, 57.6140, 0.7577 by changing the saturation by 10% instead.

■ 58.1360, 57.6140,
0.7577

■ 58.1360, 57.6140,
0.7577

■ 255.0000, 0.0000,
0.0000

■ 25.1560, 60.5621,
-11.5378

■ 112.2340, 59.0446,
8.5648

■ 13.7940, 52.8526,
-12.0973

■ 138.7890, 57.2920,
10.7090

■ 10.8300, 41.4958,
-9.4979

■ 163.0210, 45.3456,
15.7676

■ 12.6760, 28.2607,
-11.1169

■ 187.8400, 33.1099,
20.3113

■ 7.7060, 19.3719,
-6.7582

■ 212.6590, 20.8741,
24.8551

■ 3.4370, 10.6306,
-3.0142

■ 233.2810, 10.7075,

■ 0.0000, 0.0000,

19.0476

0.0000

250.3040, 2.3151,
4.1184

58.1360, 57.6140,
0.7577

58.1360, 57.6140,
0.7577

43.3840, 64.8867,
1.4172

73.1870, 50.1938,
0.7130

28.9200, 72.0174,
0.9472

87.3520, 43.2105,
0.5683

102.4030, 35.7903,
0.5236

116.5680, 28.8070,
0.3789

131.0320, 21.6762,
0.8489

■ 145.7840, 14.4035,
0.1894

■ 160.8350, 6.9833,
0.1447

■ 175.0000, 0.0000,
0.0000

■ 189.7520, -7.2727,
-0.6595

Harmonies

Analogous

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



65.7650, 66.6709, -57.6759



58.1360, 57.6140, 0.7577



57.3340, 30.8943, 77.7601

Triad

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



58.1360, 57.6140, 0.7577



57.3110, -28.2543, 55.8553



59.2600, 8.7458, -51.9710

Complementary

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



58.1360, 57.6140, 0.7577



151.8640, -57.6140, -0.7577

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.



49.3080, -24.3088, -43.2431



58.1360, 57.6140, 0.7577



59.9600, -29.5603, 7.9281

Square

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



58.1360, 57.6140, 0.7577



46.9430, -23.1429, 96.5200



46.9600, -23.1513, -41.1839



67.8440, 36.5589, -59.4992

Rectangle

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



58.1360, 57.6140, 0.7577



58.4120, 9.1639, 94.3547



46.9600, -23.1513, -41.1839



56.5240, -1.7373, -49.5715

Sweetspot

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



58.1360, 57.6140, 0.7577



181.2600, 22.5498, 0.6490



119.6390, 27.2930, -74.2284



86.6700, 13.9667, 0.2894



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



58.1360, 57.6140, 0.7577



44.9150, 89.7679, 0.9515



78.7670, 47.4429, 43.1773



79.6240, 3.6364, 0.3298



24.8740, 61.6871, 0.9875



3.8180, 9.4567, 0.1596

Inverse Universe

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



90.0840, 30.0316, 74.4713



94.8160, 46.9257, 115.9254



131.2330, -47.4429, -43.1773



81.4890, 1.7309, 4.8331



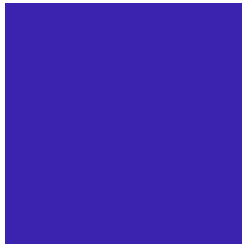
59.1000, 32.4887, 79.7193



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 58.1360, 57.6140, 0.7577 looks on a white background.

Color Contrast Check

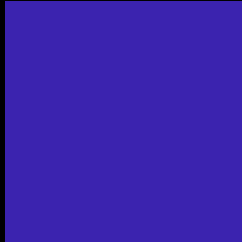
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.1360, 57.6140, 0.7577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

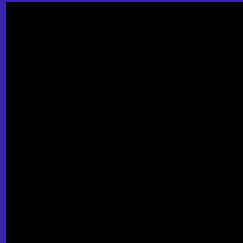
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.1360, 57.6140, 0.7577

Background



This preview shows how black text looks on a background with the YUV color 58.1360, 57.6140, 0.7577.



This preview shows how white text looks on a background with the YUV color 58.1360, 57.6140,

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

58.1360, 57.6140, 0.7577

Protanopia

52.0290, 39.4257, -45.6294

Deuteranopia

52.0970, 29.5322, -45.6891



Tritanopia

51.0420, 12.7973, -44.7638

Trichromacy



Original Color

58.1360, 57.6140, 0.7577

Protanomaly

54.2620, 46.2128, -29.1708

Deuteranomaly

53.9540, 39.9557, -28.9007

Tritanomaly

53.7940, 29.1886, -28.7603

Monochromacy



Original Color

58.1360, 57.6140, 0.7577

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.2060, 21.0974, -0.1807

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.1360, 57.6140, 0.7577 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(59, 35, 175)` looks like.

```
.text, #text, p{  
    color:rgb(59, 35, 175)  
}
```

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(59, 35, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 35, 175) }
```

Border

The CSS property to change the border of an element to YUV 58.1360, 57.6140, 0.7577 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(59, 35, 175) }
```


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

```
.border{ border-color:rgb(59, 35, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 35, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 35, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 35, 175);  
box-shadow:4px 4px 4px 4px rgb(59, 35,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 58.1360, 57.6140, 0.7577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 35, 175) }
```

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

```
.background{ background-color: rgb(59, 35,  
175) }
```

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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