

Converting Colors

YUV(56.5330, 18.4712, 2.1636)

Have a look what the booklet for
YUV(56.5330, 18.4712, 2.1636)
contains.

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Color

**YUV(56.5330, 18.4712,
2.1636)**

Conversions

Conversions Part 1

Format	Color
Hex	3B305E
RGB	59, 48, 94
RGB Percent	23%, 19%, 37%
CMY	0.7686, 0.8118, 0.6314
CMYK	0.37, 0.49, 0.00, 0.63
HSL	254°, 32%, 28%
HSV	254°, 49%, 37%
XYZ	4.8810, 3.8519, 11.0759
YIQ	56.5330, -8.2100, 16.6380

Conversions

Conversions Part 2

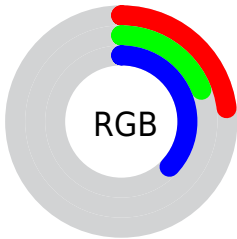
Format	Color
RYB	59, 48, 94
Decimal	3879006
CIELab	23.18, 16.99, -25.82
CIElCh	23, 30.906, 303.345
Yxy	3.8519, 0.2464, 0.1945
Android (android.graphics.Color)	4282069086 (0xFF3B305E)
YUV	56.5330, 18.4712, 2.1636
Hunter-Lab	19.6262, 10.0466, -19.7216

Details

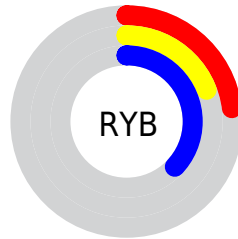
The YUV color **56.5330, 18.4712, 2.1636** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **85.4670, -18.4712, -2.1636**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.0000, 20.2130, 3.5080**, and **11.4300, 18.0290, 4.0079** is the 20% darker color. If you saturate the color by 10%, you get **49.1570, 22.1076, 2.4933**, and if you desaturate by 10%, it is **63.9090, 14.8349, 1.8338**.

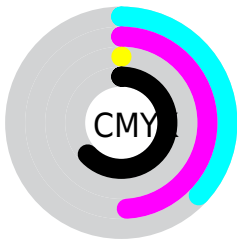
Distribution



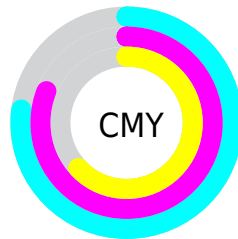
- Red (23%)
- Green (19%)
- Blue (37%)



- Red (23%)
- Yellow (19%)
- Blue (37%)



- Cyan (37%)
- Magenta (49%)
- Yellow (0%)
- Black (63%)



- Cyan (77%)
- Magenta (81%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.5330, 18.4712, 2.1636 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 56.5330, 18.4712, 2.1636 by changing the saturation by 10% instead.

■ 56.5330, 18.4712,
2.1636

■ 56.5330, 18.4712,
2.1636

■ 255.0000, 0.0000,
0.0000

■ 34.5930, 17.4557,
1.2339

■ 104.0000, 20.2130,
3.5080

■ 11.4300, 18.0290,
4.0079

■ 129.4130, 20.5024,
4.0228

■ 3.5510, 11.0674,
-3.1142

■ 155.9400, 21.2286,
4.4376

■ 0.0000, 0.0000,
0.0000

■ 182.4670, 21.9548,
4.8524

■ 210.4670, 21.9548,
4.8524

■ 235.5740, 9.5770,

■ 56.5330, 18.4712,
2.1636

■ 56.5330, 18.4712,
2.1636

■ 49.1570, 22.1076,
2.4933

■ 63.9090, 14.8349,
1.8338

■ 41.1940, 26.0334,
3.3379

■ 71.8720, 10.9091,
0.9893

■ 33.8180, 29.6697,
3.6676

■ 79.2480, 7.2727,
0.6595

■ 25.5560, 33.7429,
3.8974

■ 87.5100, 3.1996,
0.4297

■ 18.1800, 37.3793,
4.2271

■ 94.8860, -0.4368,
0.1000

■ 17.2940, 37.8161,
4.1272

■ 102.2620, -4.0732,
-0.2298

■ 110.2250, -7.9989,
-1.0743

■ 117.6010,
-11.6353, -1.4041

■ 125.5640,
-15.5611, -2.2486

Harmonies

Analogous

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



44.9730, 27.6213, -39.4413



56.5330, 18.4712, 2.1636



56.3850, 9.6702, 25.0954

Triad

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



56.5330, 18.4712, 2.1636



53.1870, -20.3052, 26.1460



45.2400, 5.7977, -39.6755

Complementary

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



56.5330, 18.4712, 2.1636



85.4670, -18.4712, -2.1636

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.



41.9170, -4.3961, -36.7612



56.5330, 18.4712, 2.1636



52.0620, -24.1876, 11.3466

Square

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



56.5330, 18.4712, 2.1636



53.6580, -11.1704, 36.2569



49.5480, -18.0182, -7.4966



47.8620, 15.8440, -41.9750

Rectangle

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



56.5330, 18.4712, 2.1636



55.0180, 2.9491, 34.1872



49.5480, -18.0182, -7.4966



44.3280, 2.3033, -38.8757

Sweetspot

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



56.5330, 18.4712, 2.1636



107.2480, 7.2727, 0.6595



73.7890, 9.9640, -22.6170



52.1510, 4.3626, 0.7446



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



56.5330, 18.4712, 2.1636



63.2910, 28.9435, 3.2528



63.4100, 15.0809, 16.3034



41.8690, 2.0366, 0.1149



20.3140, 44.2152, 4.9866



44.0610, 95.1189, 11.3475

Inverse Universe

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



65.7440, 8.5072, 24.7805



77.7980, 13.4106, 38.7652



78.5900, -15.0809, -16.3034



42.9510, 1.0102, 2.6740



42.3520, 20.0395, 59.3273



91.3830, 43.6882, 127.7061

Previews

White Background



This preview shows how the YUV color 56.5330, 18.4712, 2.1636 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 56.5330, 18.4712, 2.1636 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 56.5330, 18.4712, 2.1636

Background



This preview shows how black text looks on a background with the YUV color 56.5330, 18.4712, 2.1636.



This preview shows how white text looks on a background with the YUV color 56.5330, 18.4712,

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

56.5330, 18.4712, 2.1636

Protanopia

52.9650, 23.1883, -17.5093

Deuteranopia

52.6290, 19.4099, -18.9686



Tritanopia

55.2600, 2.3368, -2.8590

Trichromacy



Original Color

56.5330, 18.4712, 2.1636

Protanomaly

54.2540, 21.5668, -10.7468

Deuteranomaly

53.9720, 19.2408, -11.3764

Tritanomaly

55.7640, 8.0043, -0.6700

Monochromacy



Original Color

56.5330, 18.4712, 2.1636

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.0200, 6.3991, 0.8595

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.5330, 18.4712, 2.1636 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, 48, 94)` looks like.

```
.text, #text, p{  
    color:rgb(59, 48, 94)  
}
```

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, 48, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 48, 94) }
```

Border

The CSS property to change the border of an element to YUV 56.5330, 18.4712, 2.1636 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, 48, 94) }
```


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

```
.border{ border-color:rgb(59, 48, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 48, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 48, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 48, 94);  
box-shadow:4px 4px 4px 4px rgb(59, 48, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.5330, 18.4712, 2.1636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 48, 94) }
```

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

```
.background{ background-color: rgb(59, 48,  
94) }
```

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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