

Converting Colors

YUV(56.4190, 1.2724, 11.9105)

Have a look what the booklet for
YUV(56.4190, 1.2724, 11.9105)
contains.

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Color

**YUV(56.4190, 1.2724,
11.9105)**

Conversions

Conversions Part 1

Format	Color
Hex	46313B
RGB	70, 49, 59
RGB Percent	27%, 19%, 23%
CMY	0.7255, 0.8078, 0.7686
CMYK	0.00, 0.30, 0.16, 0.73
HSL	331°, 18%, 23%
HSV	331°, 30%, 27%
XYZ	4.4135, 3.8145, 4.6413
YIQ	56.4190, 9.3060, 7.5620

Conversions

Conversions Part 2

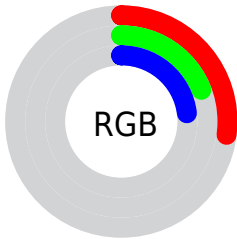
Format	Color
R_{YB}	70, 49, 59
Decimal	4600123
CIE Lab	23.05, 11.40, -2.54
CIE LCh	23, 11.683, 347.444
Yxy	3.8145, 0.3429, 0.2964
Android (android.graphics.Color)	4282790203 (0xFF46313B)
YUV	56.4190, 1.2724, 11.9105
Hunter-Lab	19.5307, 6.1584, -0.4183

Details

The YUV color **56.4190, 1.2724, 11.9105** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **62.5810, -1.2724, -11.9105**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.4300, 1.2670, 13.6549**, and **11.4840, 2.7194, 14.4845** is the 20% darker color. If you saturate the color by 10%, you get **51.8540, 1.5510, 15.9140**, and if you desaturate by 10%, it is **60.9840, 0.9939, 7.9070**.

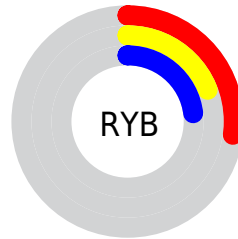
Distribution



Red (27%)

Green (19%)

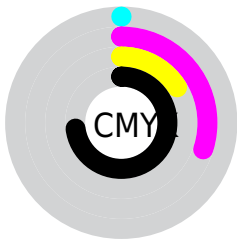
Blue (23%)



Red (27%)

Yellow (19%)

Blue (23%)

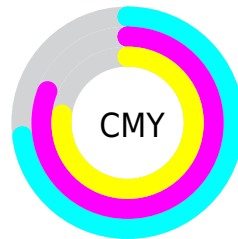


Cyan (0%)

Magenta (30%)

Yellow (16%)

Black (73%)



Cyan (73%)

Magenta (81%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.4190, 1.2724, 11.9105 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 56.4190, 1.2724, 11.9105 by changing the saturation by 10% instead.

■ 56.4190, 1.2724,
11.9105

■ 56.4190, 1.2724,
11.9105

■ 255.0000, 0.0000,
0.0000

■ 34.7070, 1.1304,
10.7810

■ 103.4300, 1.2670,
13.6549

■ 11.4840, 2.7194,
14.4845

■ 128.4300, 1.2670,
13.6549

■ 0.0000, 0.0000,
0.0000

■ 154.7290, 1.1196,
14.2697

■ 181.1420, 1.4090,
14.7845

■ 209.4410, 1.2616,
15.3992

■ 237.4410, 1.2616,

15.3992

■ 56.4190, 1.2724,
11.9105

■ 56.4190, 1.2724,
11.9105

■ 51.8540, 1.5510,
15.9140

■ 60.9840, 0.9939,
7.9070

■ 47.4030, 2.2663,
19.8176

■ 65.4350, 0.2785,
4.0035

■ 42.8380, 2.5449,
23.8211

■ 70.0000, 0.0000,
0.0000

■ 38.2730, 2.8234,
27.8246

■ 74.5650, -0.2785,
-4.0035

■ 33.8220, 3.5388,
31.7281

■ 79.0160, -0.9939,
-7.9070

■ 29.2570, 3.8173,
35.7316

■ 83.5810, -1.2724,
-11.9105

■ 24.6920, 4.0958,
39.7351

■ 88.1460, -1.5510,
-15.9140

■ 92.5970, -2.2663,
-19.8176

■ 97.1620, -2.5449,
-23.8211

Harmonies

Analogous

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



56.1130, 5.3673, 5.1629



56.4190, 1.2724, 11.9105



56.2900, -3.1010, 14.6547

Triad

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



56.4190, 1.2724, 11.9105



53.9480, -7.8624, 1.7996



51.5400, 7.6218, -18.0136

Complementary

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



56.4190, 1.2724, 11.9105



62.5810, -1.2724, -11.9105

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.



51.0300, 4.4222, -18.4433



56.4190, 1.2724, 11.9105



52.7020, -4.7831, -5.8777

Square

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



56.4190, 1.2724, 11.9105



54.8780, -8.3209, 8.8770



52.0970, -0.5408, -13.2401



53.3280, 9.2053, -12.5657

Rectangle

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



56.4190, 1.2724, 11.9105



56.0080, -5.4269, 14.0250



52.0970, -0.5408, -13.2401



50.7140, 7.0430, -19.0432

Sweetspot

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



56.4190, 1.2724, 11.9105



86.7340, 0.1311, 4.6183



54.6830, 7.5513, 4.6630



42.7230, 0.1366, 2.8739



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



56.4190, 1.2724, 11.9105



70.5770, 1.6875, 18.7880



55.2790, -3.0955, 12.9103



33.4240, 0.2840, 2.2592



34.9590, 5.9362, 56.1640



80.1850, 13.7128, 128.7568

Inverse Universe

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



56.4190, 1.2724, 11.9105



70.5770, 1.6875, 18.7880



63.7210, 3.0955, -12.9103



33.4240, 0.2840, 2.2592



34.9590, 5.9362, 56.1640



80.1850, 13.7128, 128.7568

Previews

White Background



This preview shows how the YUV color 56.4190, 1.2724, 11.9105 looks on a white background.

Color Contrast Check

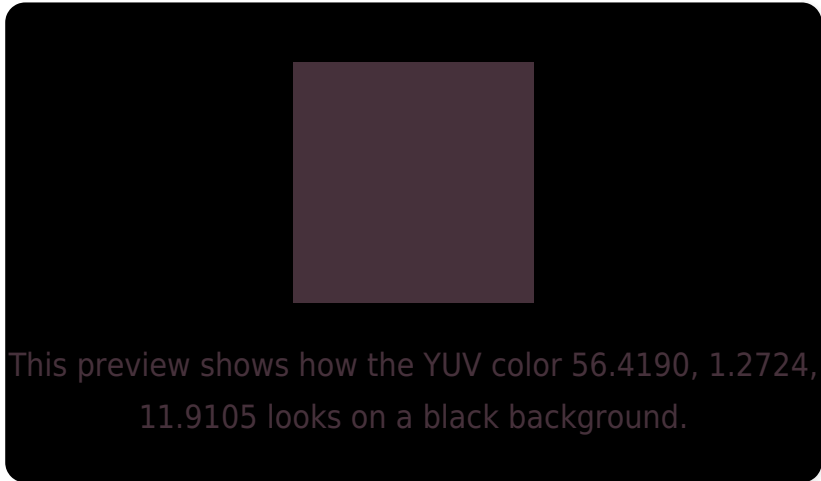
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

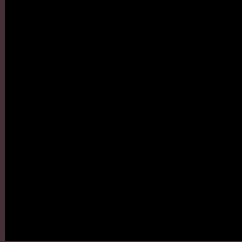
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.4190, 1.2724, 11.9105

Background



This preview shows how black text looks on a background with the YUV color 56.4190, 1.2724, 11.9105.



This preview shows how white text looks on a background with the YUV color 56.4190, 1.2724,

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

56.4190, 1.2724, 11.9105

Protanopia

55.6130, 3.6418, -1.4146

Deuteranopia

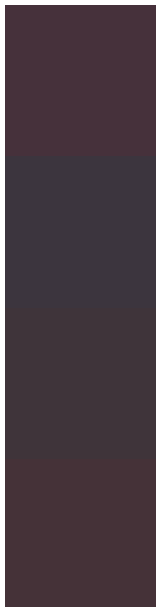
55.9510, 1.0102, 2.6740



Tritanopia

56.1370, -1.0535, 11.2809

Trichromacy



Original Color

56.4190, 1.2724, 11.9105

Protanomaly

56.1190, 2.8993, 3.4036

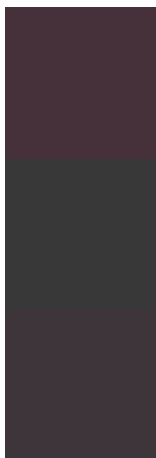
Deuteranomaly

55.9730, 0.9993, 6.1627

Tritanomaly

56.3650, -0.1799, 11.0809

Monochromacy



Original Color

56.4190, 1.2724, 11.9105

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.8480, 0.5679, 4.5183

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.4190, 1.2724, 11.9105 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(70, 49, 59)` looks like.

```
.text, #text, p{  
    color:rgb(70, 49, 59)  
}
```

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(70, 49, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 49, 59) }
```

Border

The CSS property to change the border of an element to YUV 56.4190, 1.2724, 11.9105 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(70, 49, 59) }
```


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

```
.border{ border-color:rgb(70, 49, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 49, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 49, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 49, 59);  
box-shadow:4px 4px 4px 4px rgb(70, 49, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.4190, 1.2724, 11.9105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 49, 59) }
```

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

```
.background{ background-color: rgb(70, 49,  
59) }
```

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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