

Converting Colors

YUV(47.7110, 5.0725, 6.3925)

Have a look what the booklet for
YUV(47.7110, 5.0725, 6.3925)
contains.

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Color

**YUV(47.7110, 5.0725,
6.3925)**

Conversions

Conversions Part 1

Format	Color
Hex	372A3A
RGB	55, 42, 58
RGB Percent	22%, 16%, 23%
CMY	0.7843, 0.8353, 0.7725
CMYK	0.05, 0.28, 0.00, 0.77
HSL	289°, 16%, 20%
HSV	289°, 28%, 23%
XYZ	3.1672, 2.7736, 4.3714
YIQ	47.7110, 2.6120, 7.7320

Conversions

Conversions Part 2

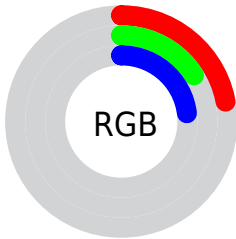
Format	Color
R_{YB}	55, 42, 58
Decimal	3615290
CIE Lab	19.11, 9.55, -7.94
CIE LCh	19, 12.419, 320.240
Yxy	2.7736, 0.3071, 0.2690
Android (android.graphics.Color)	4281805370 (0xFF372A3A)
YUV	47.7110, 5.0725, 6.3925
Hunter-Lab	16.6543, 4.8014, -3.9045

Details

The YUV color **47.7110, 5.0725, 6.3925** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **52.2890, -5.0725, -6.3925**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.5370, 5.6513, 7.4221**, and **4.1020, 5.3727, 3.4185** is the 20% darker color. If you saturate the color by 10%, you get **43.8900, 6.9562, 8.8665**, and if you desaturate by 10%, it is **51.5320, 3.1887, 3.9184**.

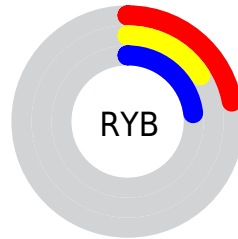
Distribution



 Red (22%)

 Green (16%)

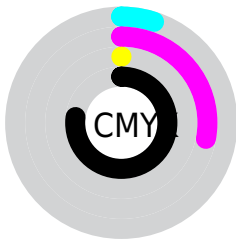
 Blue (23%)




 Red (22%)

 Yellow (16%)

 Blue (23%)

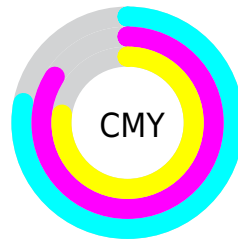


 Cyan (5%)


 Magenta (28%)

 Yellow (0%)

 Black (77%)



 Cyan (78%)

 Magenta (84%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.7110, 5.0725, 6.3925 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 47.7110, 5.0725, 6.3925 by changing the saturation by 10% instead.

■ 47.7110, 5.0725,
6.3925

■ 47.7110, 5.0725,
6.3925

■ 255.0000, 0.0000,
0.0000

■ 26.2980, 4.7831,
5.8777

■ 93.5370, 5.6513,
7.4221

■ 4.1020, 5.3727,
3.4185

■ 118.5370, 5.6513,
7.4221

■ 0.0000, 0.0000,
0.0000

■ 143.9500, 5.9407,
7.9369

■ 170.9500, 5.9407,
7.9369

■ 198.0640, 6.3774,
7.8369

■ 225.7760, 6.5194,

8.9664

250.3040, 2.3151,
4.1184

47.7110, 5.0725,
6.3925

47.7110, 5.0725,
6.3925

43.8900, 6.9562,
8.8665

51.5320, 3.1887,
3.9184

40.0690, 8.8400,
11.3405

55.3530, 1.3050,
1.4444

36.8350, 10.4343,
13.2997

58.5870, -0.2894,
-0.5148

33.0140, 12.3181,
15.7737

62.4080, -2.1731,
-2.9888

29.1930, 14.2019,
18.2477

66.2290, -4.0569,
-5.4628

■ 25.0730, 16.2330,
20.1070

■ 70.3490, -6.0881,
-7.3221

■ 21.2520, 18.1168,
22.5810

■ 74.1700, -7.9718,
-9.7961

■ 20.6650, 18.4062,
23.0958

■ 77.4040, -9.5662,
-11.7553

■ 81.2250, -11.4499,
-14.2293

Harmonies

Analogous

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



46.7530, 8.0098, -2.4144



47.7110, 5.0725, 6.3925



47.7180, 1.1250, 12.5253

Triad

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



47.7110, 5.0725, 6.3925



46.1660, -8.4628, 7.7474



41.2470, 5.3012, -20.3876

Complementary

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



47.7110, 5.0725, 6.3925



52.2890, -5.0725, -6.3925

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.



42.6130, 0.1908, -14.5696



47.7110, 5.0725, 6.3925



45.2360, -8.0043, 0.6700

Square

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



47.7110, 5.0725, 6.3925



46.9540, -6.8793, 13.1953



44.1040, -4.4883, -7.1072



41.8710, 8.9376, -20.0579

Rectangle

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



47.7110, 5.0725, 6.3925



47.6320, -1.7906, 14.3547



44.1040, -4.4883, -7.1072



41.5030, 3.6960, -18.8581

Sweetspot

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



47.7110, 5.0725, 6.3925



72.2930, 2.3206, 2.3740



45.5850, 6.1206, -3.1440



35.6520, 1.1576, 2.0592



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



47.7110, 5.0725, 6.3925



60.2430, 8.2612, 10.3109



48.0380, 2.4463, 8.7367



26.2390, 0.8682, 1.5444



32.9130, 29.1299, 36.9103



78.1880, 69.4203, 87.5351

Inverse Universe

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



47.1260, -1.0481, 9.5365



59.3440, -1.6486, 15.4843



51.9620, -2.4463, -8.7367



26.0110, -0.0054, 1.7444



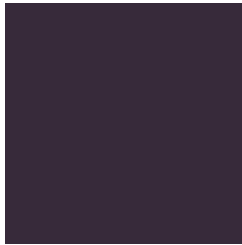
29.4460, -6.1359, 54.8599



70.1550, -14.3734, 130.5371

Previews

White Background



This preview shows how the YUV color 47.7110, 5.0725, 6.3925 looks on a white background.

Color Contrast Check

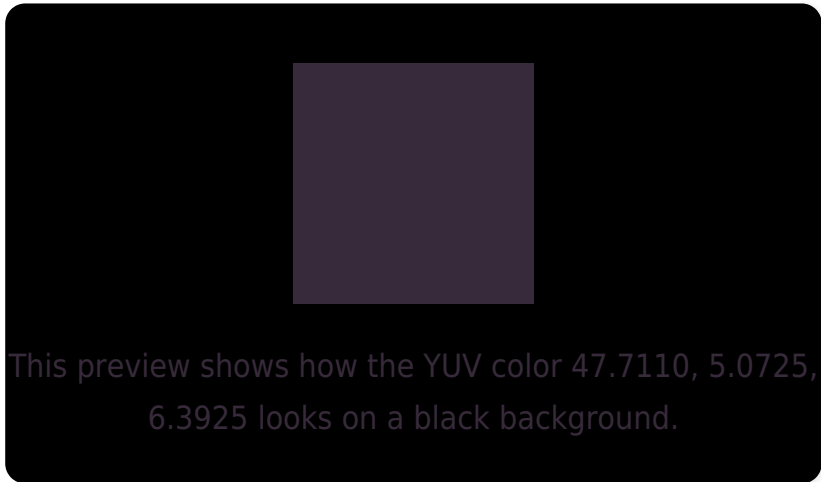
Large Text (above 18pt) WCAG AA ✓ Pass

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

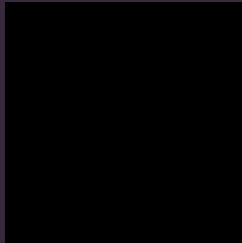
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.7110, 5.0725, 6.3925

Background



This preview shows how black text looks on a background with the YUV color 47.7110, 5.0725, 6.3925.



This preview shows how white text looks on a background with the YUV color 47.7110, 5.0725,

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

47.7110, 5.0725, 6.3925

Protanopia

46.8130, 6.9942, -3.3440

Deuteranopia

47.2540, 4.8048, -1.0998



Tritanopia

47.0330, -0.0163, 5.2331

Trichromacy



Original Color

47.7110, 5.0725, 6.3925

Protanomaly

47.3080, 6.2572, -0.2701

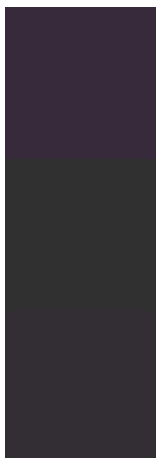
Deuteranomaly

47.5640, 4.6519, 1.2594

Tritanomaly

47.2010, 1.8729, 5.9627

Monochromacy



Original Color

47.7110, 5.0725, 6.3925

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.1790, 1.8838, 2.4740

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.7110, 5.0725, 6.3925 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(55, 42, 58)` looks like.

```
.text, #text, p{  
    color:rgb(55, 42, 58)  
}
```

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(55, 42, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 42, 58) }
```

Border

The CSS property to change the border of an element to YUV 47.7110, 5.0725, 6.3925 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(55, 42, 58) }
```


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

```
.border{ border-color:rgb(55, 42, 58) }
```

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

Here you see how a box with a 4 pixel rgb(55, 42, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 42, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 42, 58);  
box-shadow:4px 4px 4px 4px rgb(55, 42, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.7110, 5.0725, 6.3925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 42, 58) }
```

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

```
.background{ background-color: rgb(55, 42,  
58) }
```

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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