

Converting Colors

YUV(40.1710, 10.7617, 1.6040)

Have a look what the booklet for
YUV(40.1710, 10.7617, 1.6040)
contains.

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Color

**YUV(40.1710, 10.7617,
1.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	2A233E
RGB	42, 35, 62
RGB Percent	16%, 14%, 24%
CMY	0.8353, 0.8627, 0.7569
CMYK	0.32, 0.44, 0.00, 0.76
HSL	256°, 28%, 19%
HSV	256°, 44%, 24%
XYZ	2.4254, 2.0421, 4.8238
YIQ	40.1710, -4.4950, 9.8810

Conversions

Conversions Part 2

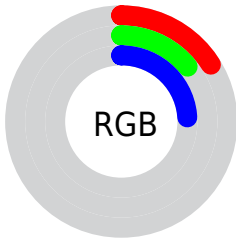
Format	Color
RYB	42, 35, 62
Decimal	2761534
CIELab	15.71, 10.54, -16.10
CIELCh	16, 19.243, 303.200
Yxy	2.0421, 0.2610, 0.2198
Android (android.graphics.Color)	4280951614 (0xFF2A233E)
YUV	40.1710, 10.7617, 1.6040
Hunter-Lab	14.2902, 5.2876, -10.0106

Details

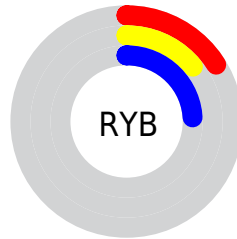
The YUV color **40.1710, 10.7617, 1.6040** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **56.8290, -10.7617, -1.6040**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.2250, 12.2141, 2.4337**, and **2.7530, 8.0098, -2.4144** is the 20% darker color. If you saturate the color by 10%, you get **35.1540, 13.2351, 1.6189**, and if you desaturate by 10%, it is **45.1880, 8.2883, 1.5891**.

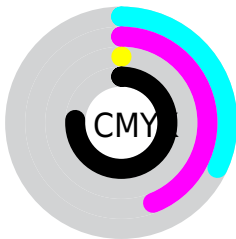
Distribution



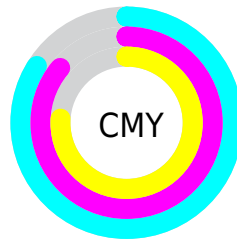
- Red (16%)
- Green (14%)
- Blue (24%)



- Red (16%)
- Yellow (14%)
- Blue (24%)



- Cyan (32%)
- Magenta (44%)
- Yellow (0%)
- Black (76%)



- Cyan (84%)
- Magenta (86%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.1710, 10.7617, 1.6040 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 40.1710, 10.7617, 1.6040 by changing the saturation by 10% instead.

■ 40.1710, 10.7617,
1.6040

■ 40.1710, 10.7617,
1.6040

■ 255.0000, 0.0000,
0.0000

■ 19.0570, 10.3249,
1.7040

■ 85.2250, 12.2141,
2.4337

■ 2.7530, 8.0098,
-2.4144

■ 109.6380, 12.5035,
2.9485

■ 0.0000, 0.0000,
0.0000

■ 135.6380, 12.5035,
2.9485

■ 161.7520, 12.9403,
2.8485

■ 188.2790, 13.6665,
3.2633

■ 216.3930, 14.1033,

3.1633

242.6400, 6.0935,
5.5777

40.1710, 10.7617,
1.6040

40.1710, 10.7617,
1.6040

35.1540, 13.2351,
1.6189

45.1880, 8.2883,
1.5891

30.4360, 15.5611,
2.2486

49.9060, 5.9623,
0.9594

24.8320, 18.3238,
2.7783

55.5100, 3.1996,
0.4297

20.1140, 20.6498,
3.4080

60.2280, 0.8736,
-0.2000

15.0970, 23.1232,
3.4229

65.2450, -1.5998,
-0.2149

■ 11.8520, 24.7230,
3.6378

■ 70.2620, -4.0732,
-0.2298

■ 74.9800, -6.3991,
-0.8595

■ 80.5840, -9.1619,
-1.3892

■ 85.3020, -11.4879,
-2.0189

Harmonies

Analogous

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



36.0870, 14.7471, -16.7393



40.1710, 10.7617, 1.6040



40.5810, 5.6296, 14.3995

Triad

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



40.1710, 10.7617, 1.6040



38.5970, -12.1263, 16.1394



31.5620, 4.1599, -27.6799

Complementary

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



40.1710, 10.7617, 1.6040



56.8290, -10.7617, -1.6040

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.



33.2660, -3.5821, -17.7733



40.1710, 10.7617, 1.6040



37.6730, -14.1358, 7.3028

Square

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



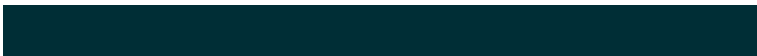
40.1710, 10.7617, 1.6040



39.0090, -6.9064, 21.9171



36.5190, -10.6089, -3.9632



33.1580, 10.2751, -29.0796

Rectangle

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



40.1710, 10.7617, 1.6040



40.1750, 1.3927, 20.0175



36.5190, -10.6089, -3.9632



30.9920, 1.9759, -27.1800

Sweetspot

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



40.1710, 10.7617, 1.6040



73.1510, 4.3626, 0.7446



49.8180, 6.0057, -12.9954



35.3960, 2.7628, 0.5297



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



40.1710, 10.7617, 1.6040



47.1910, 17.1608, 2.4635



44.0580, 8.8454, 9.5961



28.3420, 1.3104, -0.2999



17.8920, 37.5212, 5.3567



42.6500, 88.4196, 13.4620

Inverse Universe

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



45.3530, 4.7560, 14.5994



55.5050, 7.6390, 23.2361



52.9420, -8.8454, -9.5961



29.1250, 0.4314, 1.6444



36.0860, 16.7196, 50.7906



85.0740, 38.9105, 120.0841

Previews

White Background



This preview shows how the YUV color 40.1710, 10.7617, 1.6040 looks on a white background.

Color Contrast Check

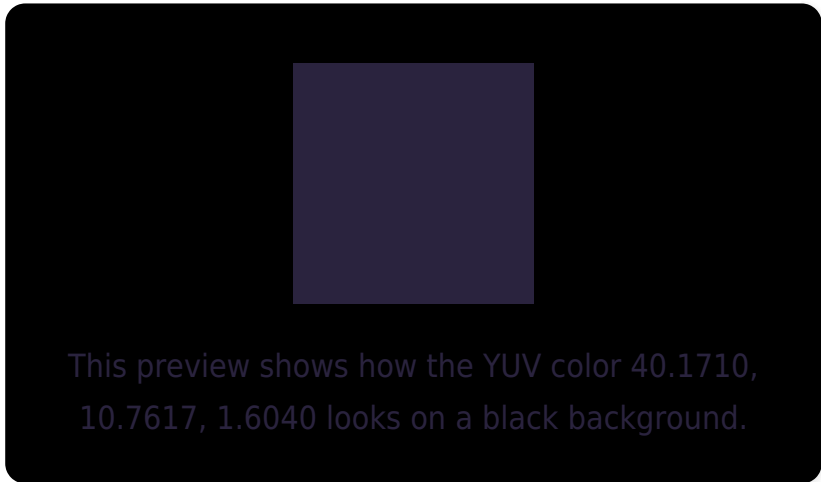
Large Text (above 18pt) WCAG AA ✓ Pass

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

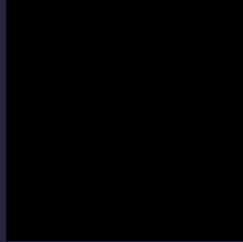
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.1710, 10.7617, 1.6040

Background



This preview shows how black text looks on a background with the YUV color 40.1710, 10.7617, 1.6040.



This preview shows how white text looks on a background with the YUV color 40.1710, 10.7617,

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

40.1710, 10.7617, 1.6040

Protanopia

38.0880, 13.2676, -8.8472

Deuteranopia

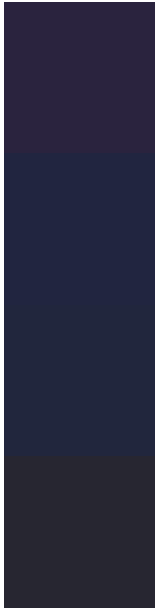
38.2190, 11.2310, -8.9621



Tritanopia

39.0430, 1.4578, -0.9147

Trichromacy



Original Color

40.1710, 10.7617, 1.6040

Protanomaly

38.8820, 12.3832, -5.1585

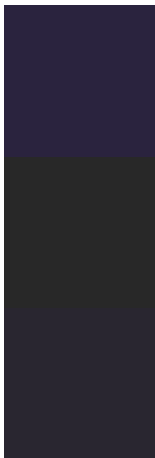
Deuteranomaly

39.1270, 10.7834, -5.3734

Tritanomaly

39.5530, 4.6574, -0.4850

Monochromacy



Original Color

40.1710, 10.7617, 1.6040

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.0370, 3.9258, 0.8446

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.1710, 10.7617, 1.6040 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(42, 35, 62)` looks like.

```
.text, #text, p{  
    color:rgb(42, 35, 62)  
}
```

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(42, 35, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 35, 62) }
```

Border

The CSS property to change the border of an element to YUV 40.1710, 10.7617, 1.6040 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(42, 35, 62) }
```


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

```
.border{ border-color:rgb(42, 35, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 35, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 35, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 35, 62);  
box-shadow:4px 4px 4px 4px rgb(42, 35, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.1710, 10.7617, 1.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 35, 62) }
```

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

```
.background{ background-color: rgb(42, 35,  
62) }
```

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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