

Converting Colors

YUV(40.7170, 6.0555, 17.7882)

Have a look what the booklet for
YUV(40.7170, 6.0555, 17.7882)
contains.

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Color

**YUV(40.7170, 6.0555,
17.7882)**

Conversions

Conversions Part 1

Format	Color
Hex	3D1C35
RGB	61, 28, 53
RGB Percent	24%, 11%, 21%
CMY	0.7608, 0.8902, 0.7922
CMYK	0.00, 0.54, 0.13, 0.76
HSL	315°, 37%, 17%
HSV	315°, 54%, 24%
XYZ	2.9823, 2.0796, 3.6124
YIQ	40.7170, 11.6430, 14.7710

Conversions

Conversions Part 2

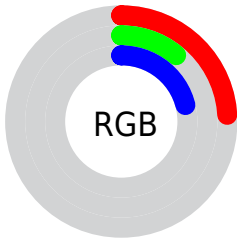
Format	Color
R _Y B	61, 28, 53
Decimal	4004917
CIE Lab	15.90, 20.20, -9.27
CIE LCh	16, 22.228, 335.365
Yxy	2.0796, 0.3438, 0.2397
Android (android.graphics.Color)	4282194997 (0xFF3D1C35)
YUV	40.7170, 6.0555, 17.7882
Hunter-Lab	14.4210, 11.6779, -4.7572

Details

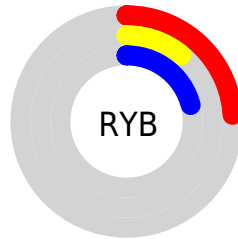
The YUV color **40.7170, 6.0555, 17.7882** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **48.2830, -6.0555, -17.7882**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.1410, 6.3395, 20.0473**, and **1.7660, 1.5944, 1.9592** is the 20% darker color. If you saturate the color by 10%, you get **37.0810, 7.3551, 20.9770**, and if you desaturate by 10%, it is **44.3530, 4.7560, 14.5994**.

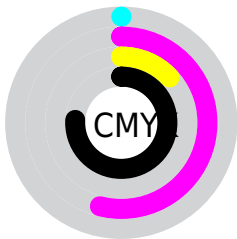
Distribution



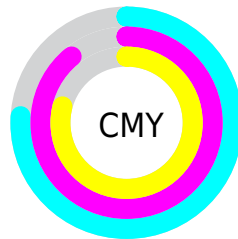
- Red (24%)
- Green (11%)
- Blue (21%)



- Red (24%)
- Yellow (11%)
- Blue (21%)



- Cyan (0%)
- Magenta (54%)
- Yellow (13%)
- Black (76%)



- Cyan (76%)
- Magenta (89%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.7170, 6.0555, 17.7882 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 40.7170, 6.0555, 17.7882 by changing the saturation by 10% instead.

■ 40.7170, 6.0555,
17.7882

■ 40.7170, 6.0555,
17.7882

■ 255.0000, 0.0000,
0.0000

■ 18.8310, 6.4923,
17.6882

■ 87.1410, 6.3395,
20.0473

■ 1.7660, 1.5944,
1.9592

■ 111.5540, 6.6289,
20.5621

■ 0.0000, 0.0000,
0.0000

■ 137.1520, 6.3341,
21.7917

■ 163.5650, 6.6235,
22.3065

■ 190.9780, 6.9128,
22.8213

■ 218.6900, 7.0548,

23.9509

240.9120, 6.9454,
12.3552

40.7170, 6.0555,
17.7882

40.7170, 6.0555,
17.7882

37.0810, 7.3551,
20.9770

44.3530, 4.7560,
14.5994

33.3310, 8.2178,
24.2657

48.1030, 3.8932,
11.3107

29.6950, 9.5174,
27.4545

51.7390, 2.5937,
8.1219

25.9450, 10.3801,
30.7432

55.4890, 1.7309,
4.8331

23.4830, 11.1009,
32.9024

59.7120, 0.1420,
1.1296

■ 63.4620, -0.7208,
-2.1592

■ 67.0980, -2.0203,
-5.3479

■ 70.8480, -2.8831,
-8.6367

■ 74.4840, -4.1826,
-11.8255

Harmonies

Analogous

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



40.5240, 12.0667, 3.0485



40.7170, 6.0555, 17.7882



39.2250, -1.0969, 25.2357

Triad

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



40.7170, 6.0555, 17.7882



37.4620, -17.4828, 7.4878



34.0870, 11.2961, -29.8943

Complementary

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



40.7170, 6.0555, 17.7882



48.2830, -6.0555, -17.7882

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.



32.3770, 4.7441, -28.3946



40.7170, 6.0555, 17.7882



35.7530, -12.2032, -5.9224

Square

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



40.7170, 6.0555, 17.7882



38.5110, -15.0419, 17.9689



31.1620, -2.5449, -23.8211



34.1670, 16.6797, -29.9645

Rectangle

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



40.7170, 6.0555, 17.7882



39.2590, -6.0437, 25.2059



31.1620, -2.5449, -23.8211



33.6310, 9.5489, -29.4944

Sweetspot

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



40.7170, 6.0555, 17.7882



71.0270, 2.4517, 6.9923



34.1540, 13.2351, 1.6189



36.0760, 1.4415, 4.3183



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.



40.7170, 6.0555, 17.7882



47.6950, 9.5174, 27.4545



38.8930, -0.9332, 19.3878



29.1250, 0.4314, 1.6444



36.2000, 17.1564, 50.6906



85.5300, 40.6577, 119.6842

Inverse Universe

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



40.7170, 6.0555, 17.7882



47.6950, 9.5174, 27.4545



50.1070, 0.9332, -19.3878



29.1250, 0.4314, 1.6444



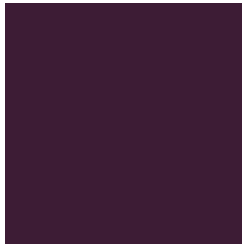
36.2000, 17.1564, 50.6906



85.5300, 40.6577, 119.6842

Previews

White Background



This preview shows how the YUV color 40.7170, 6.0555, 17.7882 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

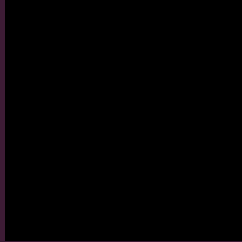
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.7170, 6.0555, 17.7882

Background



This preview shows how black text looks on a background with the YUV color 40.7170, 6.0555, 17.7882.



This preview shows how white text looks on a background with the YUV color 40.7170, 6.0555,

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

40.7170, 6.0555, 17.7882

Protanopia

40.1160, 10.7888, -7.1177

Deuteranopia

40.9550, 4.9522, -1.7145



Tritanopia

40.4150, -2.6696, 16.2990

Trichromacy



Original Color

40.7170, 6.0555, 17.7882

Protanomaly

40.7150, 9.0145, 2.0039

Deuteranomaly

41.1130, 5.3673, 5.1629

Tritanomaly

40.9250, 0.5300, 16.7288

Monochromacy



Original Color

40.7170, 6.0555, 17.7882

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.6140, 2.1623, 6.4775

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.7170, 6.0555, 17.7882 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(61, 28, 53)` looks like.

```
.text, #text, p{  
    color:rgb(61, 28, 53)  
}
```

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(61, 28, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 28, 53) }
```

Border

The CSS property to change the border of an element to YUV 40.7170, 6.0555, 17.7882 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(61, 28, 53) }
```


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

```
.border{ border-color:rgb(61, 28, 53) }
```

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

Here you see how a box with a 4 pixel rgb(61, 28, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 28, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 28, 53);  
box-shadow:4px 4px 4px 4px rgb(61, 28, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.7170, 6.0555, 17.7882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 28, 53) }
```

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

```
.background{ background-color: rgb(61, 28,  
53) }
```

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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