

Converting Colors

YUV(41.1770, 18.1537,
-36.1122)

Have a look what the booklet for
YUV(41.1770, 18.1537, -36.1122)
contains.

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Color

**YUV(41.1770, 18.1537,
-36.1122)**

Conversions

Conversions Part 1

Format	Color
Hex	00374E
RGB	0, 55, 78
RGB Percent	0%, 22%, 31%
CMY	1.0000, 0.7843, 0.6941
CMYK	1.00, 0.29, 0.00, 0.69
HSL	198°, 100%, 15%
HSV	198°, 100%, 31%
XYZ	2.7413, 3.2824, 7.6968
YIQ	41.1770, -40.1630, -4.5070

Conversions

Conversions Part 2

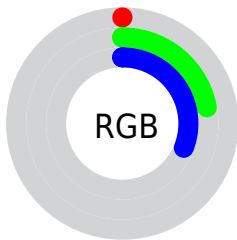
Format	Color
RYB	0, 32, 78
Decimal	14158
CIELab	21.14, -6.76, -18.66
CIELCh	21, 19.844, 250.097
Yxy	3.2824, 0.1998, 0.2392
Android (android.graphics.Color)	4278204238 (0xFF00374E)
YUV	41.1770, 18.1537, -36.1122
Hunter-Lab	18.1175, -4.6970, -12.5058

Details

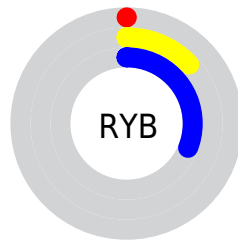
The YUV color **41.1770, 18.1537, -36.1122** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **36.8230, -18.1537, 36.1122**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.2920, 17.1110, -28.3201**, and **9.7460, 11.9572, -8.5472** is the 20% darker color. If you saturate the color by 10%, you get **41.1770, 18.1537, -36.1122**, and if you desaturate by 10%, it is **44.7430, 16.3957, -32.2236**.

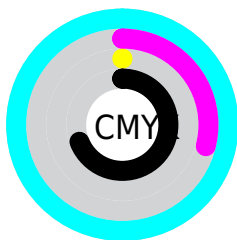
Distribution



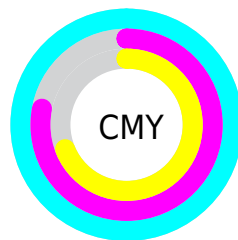
- Red (0%)
- Green (22%)
- Blue (31%)



- Red (0%)
- Yellow (13%)
- Blue (31%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (78%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.1770, 18.1537, -36.1122 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 41.1770, 18.1537, -36.1122 by changing the saturation by 10% instead.

■ 41.1770, 18.1537,
-36.1122

■ 41.1770, 18.1537,
-36.1122

■ 254.1030, 0.4422,
-1.8443

■ 26.2280, 14.1846,
-23.0020

■ 92.2920, 17.1110,
-28.3201

■ 9.7460, 11.9572,
-8.5472

■ 117.7050, 17.4004,
-27.8053

■ 0.9120, 3.4944,
-0.7998

■ 143.8190, 17.8372,
-27.9053

■ 0.0000, 0.0000,
0.0000

■ 170.3460, 18.5634,
-27.4904

■ 198.0470, 18.7108,
-28.1052

■ 225.0210, 14.7796,

-27.2054

■ 245.4320, 4.7170,
-19.6729

■ 41.1770, 18.1537,
-36.1122

■ 44.7430, 16.3957,
-32.2236

■ 48.8960, 14.3483,
-28.8498

■ 52.1630, 12.7376,
-25.5760

■ 55.7290, 10.9796,
-21.6873

■ 59.8820, 8.9322,
-18.3135

■ 63.4480, 7.1741,
-14.4249

■ 67.0140, 5.4161,
-10.5363

■ 70.2810, 3.8055,
-7.2624

■ 74.4340, 1.7580,
-3.8886

Harmonies

Analogous

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



41.9120, 13.3544, -36.7568



41.1770, 18.1537, -36.1122



49.7070, 14.4414, -12.0210

Triad

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



41.1770, 18.1537, -36.1122



51.7580, -2.8387, 23.8912



47.1380, -9.4350, -7.1370

Complementary

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



41.1770, 18.1537, -36.1122



36.8230, -18.1537, 36.1122

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.



49.3630, -13.9830, 4.9436



41.1770, 18.1537, -36.1122



51.1400, -8.9430, 21.8022

Square

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



41.1770, 18.1537, -36.1122



52.2610, 4.3083, 18.1881



50.5430, -13.5787, 15.3098



44.2870, -2.1135, -22.1767

Rectangle

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



41.1770, 18.1537, -36.1122



51.8010, 11.9301, 0.1745



50.5430, -13.5787, 15.3098



48.0030, -11.3405, -2.6336

Sweetspot

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



41.1770, 18.1537, -36.1122



87.4480, 7.1741, -14.4249



48.2940, -12.9629, -42.3538



42.6830, 4.1003, -8.4920



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



41.1770, 18.1537, -36.1122



53.8920, 23.7172, -47.2633



18.8710, 29.1506, -16.5499



36.2170, 0.8790, -1.9443



121.3140, 53.5822, -106.3924

Inverse Universe

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



29.5920, 12.5261, 42.4538



38.7060, 16.4139, 55.5088



59.1290, -29.1506, 16.5499



35.5380, 0.7208, 2.1592



87.2380, 36.8577, 125.2023

Previews

White Background



This preview shows how the YUV color 41.1770, 18.1537, -36.1122 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 41.1770, 18.1537, -36.1122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

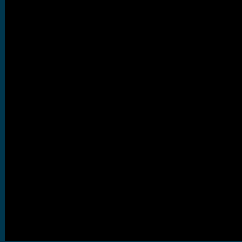
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.1770, 18.1537, -36.1122

Background



This preview shows how black text looks on a background with the YUV color 41.1770, 18.1537, -36.1122.



This preview shows how white text looks on a background with the YUV color 41.1770, 18.1537,

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

41.1770, 18.1537, -36.1122

Protanopia

51.5290, 11.0782, -6.6029

Deuteranopia

50.3050, 14.1466, -10.7915



Tritanopia

40.4130, 10.1494, -35.4422

Trichromacy



Original Color

41.1770, 18.1537, -36.1122

Protanomaly

47.4460, 13.5841, -17.0541

Deuteranomaly

46.7060, 15.9209, -19.9132

Tritanomaly

40.5100, 13.0596, -35.5273

Monochromacy



Original Color

41.1770, 18.1537, -36.1122

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.9320, 6.4425, -13.0954

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.1770, 18.1537, -36.1122 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(0, 55, 78)` looks like.

```
.text, #text, p{  
    color:rgb(0, 55, 78)  
}
```

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(0, 55, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 55, 78) }
```

Border

The CSS property to change the border of an element to YUV 41.1770, 18.1537, -36.1122 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(0, 55, 78) }
```

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

```
.border{ border-color:rgb(0, 55, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 55, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 55, 78); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 55, 78); box-shadow:4px  
4px 4px 4px rgb(0, 55, 78) }
```

Background

The CSS property to change the background color of an element to YUV 41.1770, 18.1537, -36.1122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 55, 78) }
```

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

```
.background{ background-color: rgb(0, 55,  
78) }
```

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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