

Converting Colors

YUV(42.7780, 6.5184, -37.5163)

Have a look what the booklet for
YUV(42.7780, 6.5184, -37.5163)
contains.

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Color

**YUV(42.7780, 6.5184,
-37.5163)**

Conversions

Conversions Part 1

Format	Color
Hex	003E38
RGB	0, 62, 56
RGB Percent	0%, 24%, 22%
CMY	1.0000, 0.7569, 0.7804
CMYK	1.00, 0.00, 0.10, 0.76
HSL	174°, 100%, 12%
HSV	174°, 100%, 24%
XYZ	2.4364, 3.7308, 4.3331
YIQ	42.7780, -35.0260, -15.0100

Conversions

Conversions Part 2

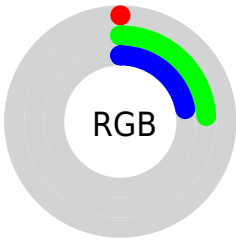
Format	Color
RYB	0, 33, 62
Decimal	15928
CIELab	22.76, -19.65, -1.45
CIELCh	23, 19.699, 184.232
Yxy	3.7308, 0.2320, 0.3553
Android (android.graphics.Color)	4278206008 (0xFF003E38)
YUV	42.7780, 6.5184, -37.5163
Hunter-Lab	19.3152, -11.2855, 0.2198

Details

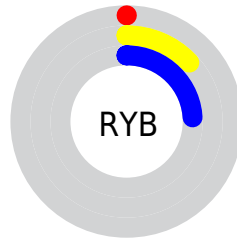
The YUV color **42.7780, 6.5184, -37.5163** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **19.2220, -6.5184, 37.5163**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.3550, 4.7550, -31.8833**, and **12.0480, 0.4693, -10.5661** is the 20% darker color. If you saturate the color by 10%, you get **42.7780, 6.5184, -37.5163**, and if you desaturate by 10%, it is **44.6860, 6.0708, -33.9276**.

Distribution



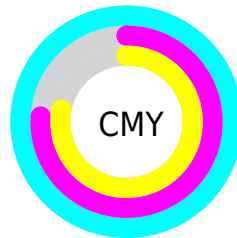
- Red (0%)
- Green (24%)
- Blue (22%)



- Red (0%)
- Yellow (13%)
- Blue (24%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (76%)



- Cyan (100%)
- Magenta (76%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.7780, 6.5184, -37.5163 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 42.7780, 6.5184, -37.5163 by changing the saturation by 10% instead.

42.7780, 6.5184,
-37.5163

42.7780, 6.5184,
-37.5163

252.3090, 1.3267,
-5.5330

27.4700, 3.7123,
-24.0912

93.3550, 4.7550,
-31.8833

12.0480, 0.4693,
-10.5661

118.9420, 4.4656,
-32.3981

0.0000, 0.0000,
0.0000

144.9420, 4.4656,
-32.3981

171.6430, 4.6130,
-33.0129

199.2300, 4.3236,
-33.5277

227.2300, 4.3236,

-33.5277


 243.6380, 5.6015,
-23.3615

 42.7780, 6.5184,
-37.5163

 44.6860, 6.0708,
-33.9276

 46.4800, 5.1864,
-30.2390

 48.6870, 4.5913,
-26.0355

 50.4810, 3.7069,
-22.3468

 52.3890, 3.2592,
-18.7582

■ 54.2970, 2.8116,
-15.1695

■ 56.0910, 1.9271,
-11.4808

■ 58.2980, 1.3321,
-7.2773

■ 60.0920, 0.4476,
-3.5887

Harmonies

Analogous

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



48.5540, -3.7241, -18.9029



42.7780, 6.5184, -37.5163



43.7870, 12.9230, -38.4012

Triad

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



42.7780, 6.5184, -37.5163



55.6980, 11.4879, 2.0189



54.0810, -12.8579, 17.4690

Complementary

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



42.7780, 6.5184, -37.5163



19.2220, -6.5184, 37.5163

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.



54.4930, -7.6380, 23.2466



42.7780, 6.5184, -37.5163



56.1790, 5.3348, 15.6290

Square

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



42.7780, 6.5184, -37.5163



52.2120, 15.1785, -15.0949



55.2140, -1.0915, 23.4913



52.9720, -14.2832, 7.9176

Rectangle

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



42.7780, 6.5184, -37.5163



44.1120, 16.7068, -38.6862



55.2140, -1.0915, 23.4913



54.1460, -11.4110, 20.0430

Sweetspot

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



42.7780, 6.5184, -37.5163



74.1830, 2.3748, -15.0695



38.1880, -18.8267, -28.2289



36.2870, 1.3375, -9.0217



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.



42.7780, 6.5184, -37.5163



56.5700, 8.5930, -49.6119



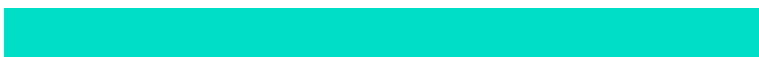
28.7870, 16.3740, -25.2462



29.9890, 0.0054, -1.7444



64.8680, 9.9251, -56.8892



153.1140, 23.1148, -134.2810

Inverse Universe

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



19.2220, -6.5184, 37.5163



25.4300, -8.5930, 49.6119



33.2130, -16.3740, 25.2462



28.8970, -0.4422, 1.8443



29.1320, -9.9251, 56.8892



68.7720, -23.5516, 134.3810

Previews

White Background



This preview shows how the YUV color 42.7780, 6.5184, -37.5163 looks on a white background.

Color Contrast Check

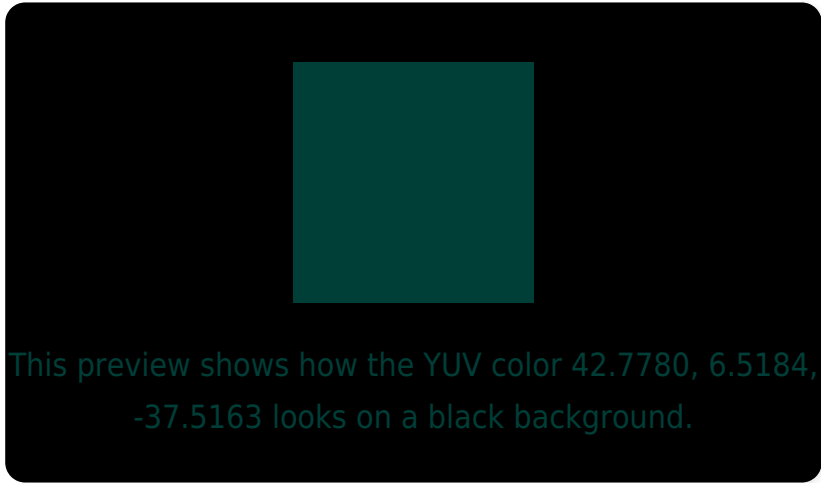
Large Text (above 18pt) WCAG AA ✓ Pass

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

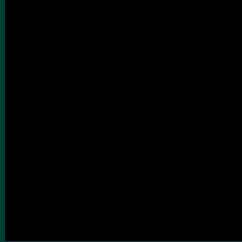
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.7780, 6.5184, -37.5163

Background



This preview shows how black text looks on a background with the YUV color 42.7780, 6.5184, -37.5163.



This preview shows how white text looks on a background with the YUV color 42.7780, 6.5184, -37.5163.

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

42.7780, 6.5184, -37.5163

Protanopia

55.2560, -1.6052, 1.5295

Deuteranopia

55.3640, 1.2995, 3.1888



Tritanopia

48.1150, 8.8173, -28.1649

Trichromacy



Original Color

42.7780, 6.5184, -37.5163

Protanomaly

50.8520, 1.0590, -13.0252

Deuteranomaly

50.7320, 3.0901, -11.1660

Tritanomaly

45.8650, 7.9546, -31.4536

Monochromacy



Original Color

42.7780, 6.5184, -37.5163

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.8950, 2.5168, -13.9399

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.7780, 6.5184, -37.5163 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, 62, 56)` looks like.

```
.text, #text, p{  
    color:rgb(0, 62, 56)  
}
```

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, 62, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 62, 56) }
```

Border

The CSS property to change the border of an element to YUV 42.7780, 6.5184, -37.5163 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, 62, 56) }
```


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

```
.border{ border-color:rgb(0, 62, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 62, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 62, 56); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 62, 56); box-shadow:4px  
4px 4px 4px rgb(0, 62, 56) }
```

Background

The CSS property to change the background color of an element to YUV 42.7780, 6.5184, -37.5163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 62, 56) }
```

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

```
.background{ background-color: rgb(0, 62,  
56) }
```

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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