

Converting Colors

YUV(77.7250, 7.0376, -17.2988)

Have a look what the booklet for
YUV(77.7250, 7.0376, -17.2988)
contains.

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Color

**YUV(77.7250, 7.0376,
-17.2988)**

Conversions

Conversions Part 1

Format	Color
Hex	3A555C
RGB	58, 85, 92
RGB Percent	23%, 33%, 36%
CMY	0.7725, 0.6667, 0.6392
CMYK	0.37, 0.08, 0.00, 0.64
HSL	192°, 23%, 29%
HSV	192°, 37%, 36%
XYZ	6.9252, 8.1692, 11.3370
YIQ	77.7250, -18.3390, -3.5470

Conversions

Conversions Part 2

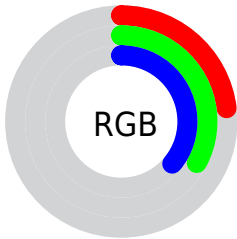
Format	Color
R_{YB}	58, 73, 92
Decimal	3822940
CIE _{Lab}	34.33, -8.12, -7.31
CIE _{LCh}	34, 10.924, 221.998
Yxy	8.1692, 0.2620, 0.3091
Android (android.graphics.Color)	4282013020 (0xFF3A555C)
YUV	77.7250, 7.0376, -17.2988
Hunter-Lab	28.5819, -6.7690, -3.5101

Details

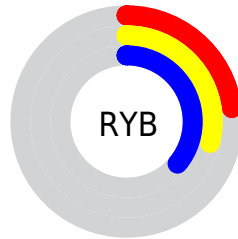
The YUV color **77.7250, 7.0376, -17.2988** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.2750, -7.0376, 17.2988**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.4260, 7.1850, -17.9136**, and **32.3120, 6.7482, -17.8136** is the 20% darker color. If you saturate the color by 10%, you get **73.8600, 8.9430, -21.8022**, and if you desaturate by 10%, it is **81.5900, 5.1321, -12.7954**.

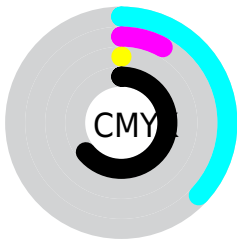
Distribution



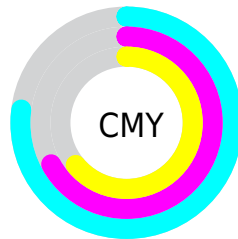
- Red (23%)
- Green (33%)
- Blue (36%)



- Red (23%)
- Yellow (29%)
- Blue (36%)



- Cyan (37%)
- Magenta (8%)
- Yellow (0%)
- Black (64%)



- Cyan (77%)
- Magenta (67%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.7250, 7.0376, -17.2988 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 77.7250, 7.0376, -17.2988 by changing the saturation by 10% instead.

■ 77.7250, 7.0376,
-17.2988

■ 77.7250, 7.0376,
-17.2988

■ 255.0000, 0.0000,
0.0000

■ 54.6110, 6.6008,
-17.1988

■ 127.4260, 7.1850,
-17.9136

■ 32.3120, 6.7482,
-17.8136

■ 153.2410, 7.7692,
-18.6284

■ 14.7040, 5.5689,
-12.8954

■ 180.2410, 7.7692,
-18.6284

■ 0.0000, 0.0000,
0.0000

■ 207.9420, 7.9166,
-19.2431

■ 235.9420, 7.9166,
-19.2431

■ 251.1130, 1.9163,

-7.9921

■ 77.7250, 7.0376,
-17.2988

■ 77.7250, 7.0376,
-17.2988

■ 73.8600, 8.9430,
-21.8022

■ 81.5900, 5.1321,
-12.7954

■ 69.9950, 10.8485,
-26.3056

■ 85.4550, 3.2267,
-8.2920

■ 65.8310, 12.9013,
-31.4238

■ 89.6190, 1.1738,
-3.1739

■ 61.9660, 14.8068,
-35.9272

■ 93.4840, -0.7316,
1.3295

■ 58.6880, 16.4228,
-40.9454

■ 96.7620, -2.3477,
6.3477

■ 54.8230, 18.3283,
-45.4488

■ 100.6270, -4.2531,
10.8511

■ 53.3390, 19.0599,
-46.7783

■ 104.4920, -6.1586,
15.3545

■ 108.6560, -8.2114,
20.4727

■ 112.5210,
-10.1169, 24.9761

Harmonies

Analogous

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



77.4000, 3.2538, -17.0138



77.7250, 7.0376, -17.2988



79.2140, 8.7685, -12.4657

Triad

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



77.7250, 7.0376, -17.2988



82.2340, 1.8566, 11.1958



79.9590, -7.8678, 3.5440

Complementary

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



77.7250, 7.0376, -17.2988



72.2750, -7.0376, 17.2988

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.



80.5900, -8.1789, 10.0066



77.7250, 7.0376, -17.2988



82.4040, -2.6642, 14.5547

Square

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



77.7250, 7.0376, -17.2988



81.9280, 5.9515, 4.4481



81.7800, -6.3005, 14.2249



79.1860, -5.5147, -4.5481

Rectangle

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



77.7250, 7.0376, -17.2988



80.2470, 8.7522, -7.2326



81.7800, -6.3005, 14.2249



80.1550, -8.4574, 6.0031

Sweetspot

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



77.7250, 7.0376, -17.2988



114.3520, 2.7845, -6.4477



78.7560, -6.7817, -18.2030



58.0210, 1.4686, -4.4034



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



77.7250, 7.0376, -17.2988



97.6960, 10.9959, -26.9204



67.7460, 11.9572, -8.5472



43.9180, 1.0264, -2.5591



63.6090, 22.8708, -55.7851



137.3740, 49.1156, -120.4770

Inverse Universe

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



71.2440, 6.7817, 18.2030



87.6350, 10.5329, 28.3841



82.2540, -11.9572, 8.5472



42.9510, 1.0102, 2.6740



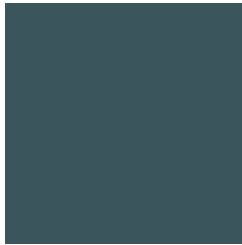
42.8080, 21.7867, 58.9274



92.2950, 47.1826, 126.9063

Previews

White Background



This preview shows how the YUV color 77.7250, 7.0376, -17.2988 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 77.7250, 7.0376, -17.2988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

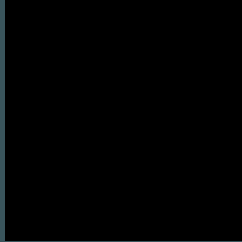
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.7250, 7.0376, -17.2988

Background



This preview shows how black text looks on a background with the YUV color 77.7250, 7.0376, -17.2988.



This preview shows how white text looks on a background with the YUV color 77.7250, 7.0376, -17.2988.

-17.2988.

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

77.7250, 7.0376, -17.2988

Protanopia

80.7270, 4.0786, -1.5146

Deuteranopia

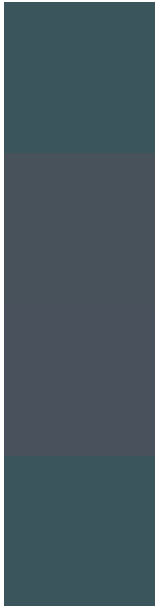
81.4930, 5.6730, 0.4446



Tritanopia

77.7250, 7.0376, -17.2988

Trichromacy



Original Color

77.7250, 7.0376, -17.2988

Protanomaly

79.6230, 5.1159, -7.5624

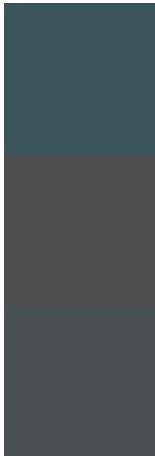
Deuteranomaly

79.9760, 6.4208, -6.1180

Tritanomaly

77.7250, 7.0376, -17.2988

Monochromacy



Original Color

77.7250, 7.0376, -17.2988

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.2380, 2.3477, -6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.7250, 7.0376, -17.2988 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(58, 85, 92)` looks like.

```
.text, #text, p{  
    color:rgb(58, 85, 92)  
}
```

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(58, 85, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 85, 92) }
```

Border

The CSS property to change the border of an element to YUV 77.7250, 7.0376, -17.2988 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(58, 85, 92) }
```


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

```
.border{ border-color:rgb(58, 85, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 85, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 85, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 85, 92);  
box-shadow:4px 4px 4px 4px rgb(58, 85, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.7250, 7.0376, -17.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 85, 92) }
```

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

```
.background{ background-color: rgb(58, 85,  
92) }
```

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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