

Converting Colors

YUV(75.6280, 4.1274, -17.2138)

Have a look what the booklet for
YUV(75.6280, 4.1274, -17.2138)
contains.

YUV(75.6280, 4.1274, -17.2138)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(75.6280, 4.1274,
-17.2138)**

Conversions

Conversions Part 1

Format	Color
Hex	385454
RGB	56, 84, 84
RGB Percent	22%, 33%, 33%
CMY	0.7804, 0.6706, 0.6706
CMYK	0.33, 0.00, 0.00, 0.67
HSL	180°, 20%, 27%
HSV	180°, 33%, 33%
XYZ	6.4014, 7.8215, 9.5598
YIQ	75.6280, -16.6880, -5.9360

Conversions

Conversions Part 2

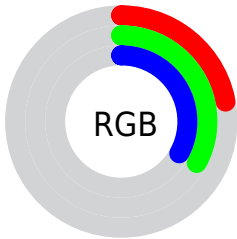
Format	Color
R_{YB}	56, 70, 84
Decimal	3691604
CIE _{Lab}	33.61, -10.40, -3.36
CIE _{LCh}	34, 10.928, 197.906
Yxy	7.8215, 0.2692, 0.3289
Android (android.graphics.Color)	4281881684 (0xFF385454)
YUV	75.6280, 4.1274, -17.2138
Hunter-Lab	27.9669, -8.0847, -0.6900

Details

The YUV color **75.6280, 4.1274, -17.2138** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **64.3720, -4.1274, 17.2138**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.9160, 3.9854, -18.3433**, and **30.6280, 4.1274, -17.2138** is the 20% darker color. If you saturate the color by 10%, you get **73.2360, 5.3067, -22.1320**, and if you desaturate by 10%, it is **78.0200, 2.9481, -12.2955**.

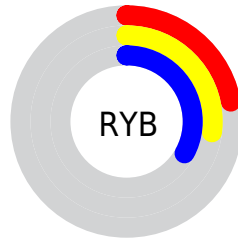
Distribution



 Red (22%)

 Green (33%)

 Blue (33%)




 Red (22%)

 Yellow (27%)

 Blue (33%)

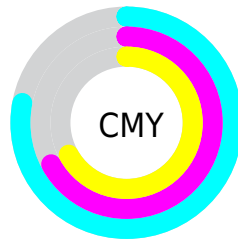


 Cyan (33%)

 Magenta (0%)

 Yellow (0%)

 Black (67%)



 Cyan (78%)

 Magenta (67%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.6280, 4.1274, -17.2138 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 75.6280, 4.1274, -17.2138 by changing the saturation by 10% instead.

■ 75.6280, 4.1274,
-17.2138

■ 75.6280, 4.1274,
-17.2138

■ 255.0000, 0.0000,
0.0000

■ 52.6280, 4.1274,
-17.2138

■ 124.9160, 3.9854,
-18.3433

■ 30.6280, 4.1274,
-17.2138

■ 151.0300, 4.4222,
-18.4433

■ 13.3190, 2.8007,
-11.6808

■ 177.7310, 4.5696,
-19.0581

■ 0.0000, 0.0000,
0.0000

■ 205.3180, 4.2802,
-19.5729

■ 233.4320, 4.7170,
-19.6729

■ 250.2160, 2.3585,

-9.8364

■ 75.6280, 4.1274,
-17.2138

■ 75.6280, 4.1274,
-17.2138

■ 73.2360, 5.3067,
-22.1320

■ 78.0200, 2.9481,
-12.2955

■ 70.5450, 6.6333,
-27.6650

■ 80.7110, 1.6215,
-6.7625

■ 68.1530, 7.8126,
-32.5832

■ 83.1030, 0.4422,
-1.8443

■ 65.4620, 9.1392,
-38.1162

■ 85.7940, -0.8844,
3.6887

■ 63.0700, 10.3185,
-43.0344

■ 88.1860, -2.0637,
8.6069

■ 60.6780, 11.4977,
-47.9526

■ 90.5780, -3.2430,
13.5251

■ 58.8840, 12.3822,
-51.6413

■ 93.2690, -4.5696,
19.0581

■ 95.6610, -5.7489,
23.9763

■ 98.3520, -7.0755,
29.5093

Harmonies

Analogous

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



76.0970, -0.5408, -13.2401



75.6280, 4.1274, -17.2138



76.2520, 7.7638, -16.8840

Triad

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



75.6280, 4.1274, -17.2138



80.4120, 5.2199, 5.7777



78.8780, -8.3209, 8.8770

Complementary

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



75.6280, 4.1274, -17.2138



64.3720, -4.1274, 17.2138

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.



80.0680, -6.4425, 13.0954



75.6280, 4.1274, -17.2138



80.4190, 1.2724, 11.9105

Square

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



75.6280, 4.1274, -17.2138



79.3400, 7.7204, -2.9292



80.2900, -3.1010, 14.6547



78.0620, -7.4256, 1.6996

Rectangle

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



75.6280, 4.1274, -17.2138



77.5020, 8.6265, -13.5953



80.2900, -3.1010, 14.6547



79.0030, -7.8895, 10.5214

Sweetspot

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



75.6280, 4.1274, -17.2138



106.7110, 1.6215, -6.7625



72.4360, -8.1029, -14.4144



53.9070, 1.0318, -4.3034



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



75.6280, 4.1274, -17.2138



96.8440, 6.4859, -27.0502



67.4100, 8.1789, -10.0066



39.8040, 0.5896, -2.4591



73.6050, 15.4777, -64.5516



162.6320, 34.1984, -142.6283

Inverse Universe

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



67.5640, 8.1029, 14.4144



84.1720, 12.7332, 22.6512



72.5900, -8.1789, 10.0066



38.6520, 1.1576, 2.0592



43.3650, 30.3861, 54.0539



95.8160, 67.1387, 119.4334

Previews

White Background



This preview shows how the YUV color 75.6280, 4.1274, -17.2138 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 75.6280, 4.1274, -17.2138 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

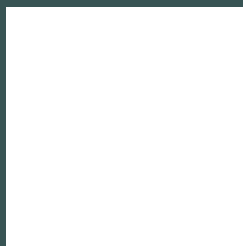
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 75.6280, 4.1274, -17.2138

Background



This preview shows how black text looks on a background with the YUV color 75.6280, 4.1274, -17.2138.



This preview shows how white text looks on a background with the YUV color 75.6280, 4.1274, -17.2138.

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

75.6280, 4.1274, -17.2138

Protanopia

78.9400, 1.0156, 0.9296

Deuteranopia

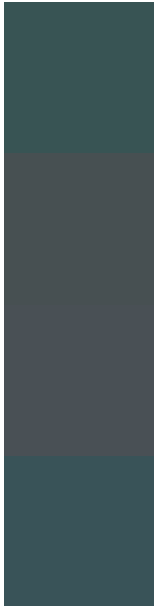
79.8200, 3.0467, 2.7889



Tritanopia

76.0240, 6.8902, -16.6840

Trichromacy



Original Color

75.6280, 4.1274, -17.2138

Protanomaly

77.5370, 2.2003, -5.7329

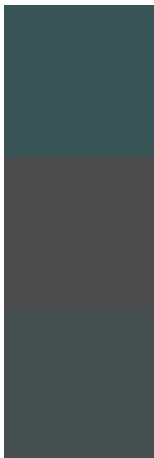
Deuteranomaly

78.4770, 3.2158, -4.8033

Tritanomaly

75.7960, 6.0166, -16.4841

Monochromacy



Original Color

75.6280, 4.1274, -17.2138

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.0100, 1.4741, -6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.6280, 4.1274, -17.2138 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(56, 84, 84)` looks like.

```
.text, #text, p{  
    color:rgb(56, 84, 84)  
}
```

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(56, 84, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 84, 84) }
```

Border

The CSS property to change the border of an element to YUV 75.6280, 4.1274, -17.2138 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(56, 84, 84) }
```


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

```
.border{ border-color:rgb(56, 84, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 84, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 84, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 84, 84);  
box-shadow:4px 4px 4px 4px rgb(56, 84, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.6280, 4.1274, -17.2138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 84, 84) }
```

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

```
.background{ background-color: rgb(56, 84,  
84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor