

Converting Colors

YUV(45.3860, 1.2887, 6.6775)

Have a look what the booklet for
YUV(45.3860, 1.2887, 6.6775)
contains.

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Color

**YUV(45.3860, 1.2887,
6.6775)**

Conversions

Conversions Part 1

Format	Color
Hex	352930
RGB	53, 41, 48
RGB Percent	21%, 16%, 19%
CMY	0.7922, 0.8392, 0.8118
CMYK	0.00, 0.23, 0.09, 0.79
HSL	325°, 13%, 18%
HSV	325°, 23%, 21%
XYZ	2.7946, 2.5562, 3.1424
YIQ	45.3860, 4.9050, 4.7210

Conversions

Conversions Part 2

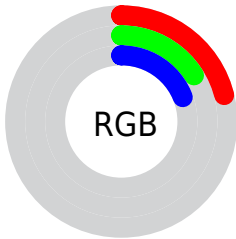
Format	Color
R_{YB}	53, 41, 48
Decimal	3483952
CIE Lab	18.17, 7.04, -2.43
CIE LCh	18, 7.445, 340.929
Yxy	2.5562, 0.3290, 0.3010
Android (android.graphics.Color)	4281674032 (0xFF352930)
YUV	45.3860, 1.2887, 6.6775
Hunter-Lab	15.9880, 3.2221, -0.4617

Details

The YUV color **45.3860, 1.2887, 6.6775** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.6140, -1.2887, -6.6775**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.0980, 1.4307, 7.8071**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **42.2230, 1.8621, 9.4514**, and if you desaturate by 10%, it is **48.5490, 0.7153, 3.9035**.

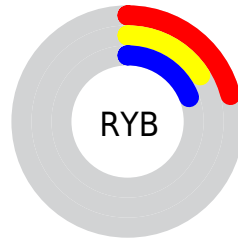
Distribution



 Red (21%)

 Green (16%)

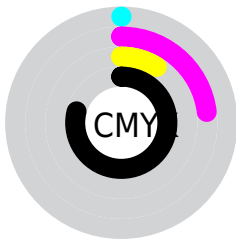
 Blue (19%)



 Red (21%)

 Yellow (16%)

 Blue (19%)

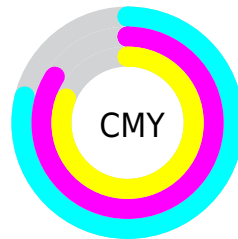


 Cyan (0%)

 Magenta (23%)

 Yellow (9%)

 Black (79%)



 Cyan (79%)

 Magenta (84%)

 Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.3860, 1.2887, 6.6775 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 45.3860, 1.2887, 6.6775 by changing the saturation by 10% instead.

■ 45.3860, 1.2887,
6.6775

■ 45.3860, 1.2887,
6.6775

■ 255.0000, 0.0000,
0.0000

■ 24.9730, 0.9993,
6.1627

■ 91.0980, 1.4307,
7.8071

■ 0.0000, 0.0000,
0.0000

■ 116.0980, 1.4307,
7.8071

■ 141.3970, 1.2833,
8.4218

■ 167.5110, 1.7201,
8.3219

■ 194.8100, 1.5727,
8.9366

■ 222.8100, 1.5727,

8.9366

249.1300, 2.8939,
5.1480

45.3860, 1.2887,
6.6775

45.3860, 1.2887,
6.6775

42.2230, 1.8621,
9.4514

48.5490, 0.7153,
3.9035

38.4730, 2.7248,
12.7402

52.2990, -0.1474,
0.6148

35.1960, 2.8614,
15.6141

55.5760, -0.2840,
-2.2592

32.0330, 3.4347,
18.3881

58.7390, -0.8573,
-5.0331

28.8700, 4.0081,
21.1620

62.4890, -1.7201,
-8.3219

■ 25.1200, 4.8708,
24.4508

■ 65.6520, -2.2934,
-11.0958

■ 21.9570, 5.4442,
27.2247

■ 68.8150, -2.8668,
-13.8698

■ 19.3810, 5.7282,
29.4839

■ 72.0920, -3.0034,
-16.7437

■ 75.8420, -3.8661,
-20.0324

Harmonies

Analogous

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



44.9340, 3.4835, 2.6889



45.3860, 1.2887, 6.6775



45.4140, -1.1901, 8.4069

Triad

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



45.3860, 1.2887, 6.6775



44.3440, -5.0996, 2.3293



42.3730, 4.2531, -10.8511

Complementary

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



45.3860, 1.2887, 6.6775



48.6140, -1.2887, -6.6775

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.



42.1020, 1.9217, -9.7365



45.3860, 1.2887, 6.6775



43.0660, -3.4835, -2.6889

Square

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



45.3860, 1.2887, 6.6775



44.6650, -5.2578, 6.4328



42.7280, -0.8519, -6.7775



43.3240, 5.2633, -8.1771

Rectangle

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



45.3860, 1.2887, 6.6775



44.9580, -2.9373, 8.8068



42.7280, -0.8519, -6.7775



42.2590, 3.8163, -10.7511

Sweetspot

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



45.3860, 1.2887, 6.6775



65.8370, 0.5734, 2.7740



43.8630, 4.5045, 1.8741



34.1250, 0.4314, 1.6444



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



45.3860, 1.2887, 6.6775



56.9350, 2.0040, 10.5810



44.7020, -1.3321, 7.2773



24.0110, -0.0054, 1.7444



32.5390, 9.5943, 49.5163



79.2470, 23.0492, 120.8094

Inverse Universe

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



45.3860, 1.2887, 6.6775



56.9350, 2.0040, 10.5810



49.2980, 1.3321, -7.2773



24.0110, -0.0054, 1.7444



32.5390, 9.5943, 49.5163



79.2470, 23.0492, 120.8094

Previews

White Background



This preview shows how the YUV color 45.3860, 1.2887, 6.6775 looks on a white background.

Color Contrast Check

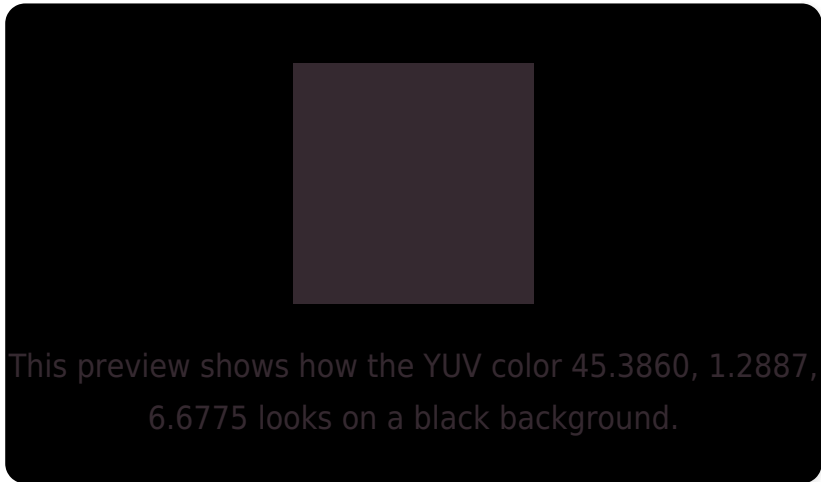
Large Text (above 18pt) WCAG AA ✓ Pass

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

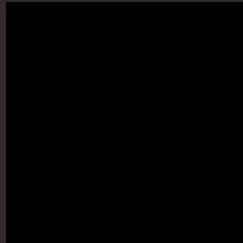
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.3860, 1.2887, 6.6775

Background



This preview shows how black text looks on a background with the YUV color 45.3860, 1.2887, 6.6775.

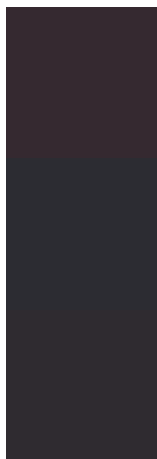


This preview shows how white text looks on a background with the YUV color 45.3860, 1.2887,

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

45.3860, 1.2887, 6.6775

Protanopia

44.6840, 2.6208, -0.5999

Deuteranopia

44.7660, 1.5944, 1.9592



Tritanopia

45.6310, -0.3111, 6.4626

Trichromacy



Original Color

45.3860, 1.2887, 6.6775

Protanomaly

44.8800, 2.0312, 1.8592

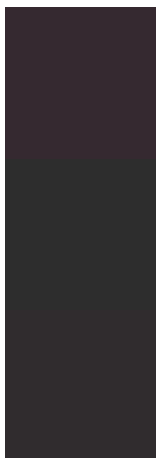
Deuteranomaly

44.7770, 1.5889, 3.7036

Tritanomaly

45.7450, 0.1257, 6.3626

Monochromacy



Original Color

45.3860, 1.2887, 6.6775

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.4240, 0.2840, 2.2592

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.3860, 1.2887, 6.6775 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(53, 41, 48)` looks like.

```
.text, #text, p{  
    color:rgb(53, 41, 48)  
}
```

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(53, 41, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 41, 48) }
```

Border

The CSS property to change the border of an element to YUV 45.3860, 1.2887, 6.6775 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(53, 41, 48) }
```


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

```
.border{ border-color:rgb(53, 41, 48) }
```

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

Here you see how a box with a 4 pixel rgb(53, 41, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 41, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 41, 48);  
box-shadow:4px 4px 4px 4px rgb(53, 41, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.3860, 1.2887, 6.6775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 41, 48) }
```

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

```
.background{ background-color: rgb(53, 41,  
48) }
```

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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