

Converting Colors

YUV(44.7280, 2.5991, 6.3775)

Have a look what the booklet for
YUV(44.7280, 2.5991, 6.3775)
contains.

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Color

**YUV(44.7280, 2.5991,
6.3775)**

Conversions

Conversions Part 1

Format	Color
Hex	342832
RGB	52, 40, 50
RGB Percent	20%, 16%, 20%
CMY	0.7961, 0.8431, 0.8039
CMYK	0.00, 0.23, 0.04, 0.80
HSL	310°, 13%, 18%
HSV	310°, 23%, 20%
XYZ	2.7507, 2.4779, 3.3509
YIQ	44.7280, 3.9420, 5.6540

Conversions

Conversions Part 2

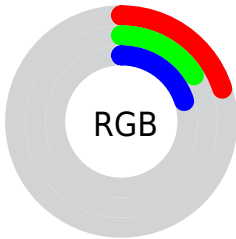
Format	Color
R _{YB}	52, 40, 50
Decimal	3418162
CIE Lab	17.82, 7.74, -4.37
CIE LCh	18, 8.888, 330.566
Yxy	2.4779, 0.3206, 0.2888
Android (android.graphics.Color)	4281608242 (0xFF342832)
YUV	44.7280, 2.5991, 6.3775
Hunter-Lab	15.7415, 3.6438, -1.6022

Details

The YUV color **44.7280, 2.5991, 6.3775** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **47.2720, -2.5991, -6.3775**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.4400, 2.7411, 7.5071**, and **0.1140, 0.4368, -0.1000** is the 20% darker color. If you saturate the color by 10%, you get **41.6790, 3.6093, 9.0515**, and if you desaturate by 10%, it is **47.7770, 1.5889, 3.7036**.

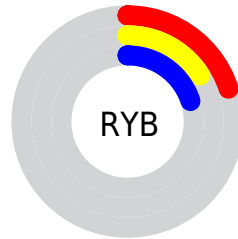
Distribution



Red (20%)

Green (16%)

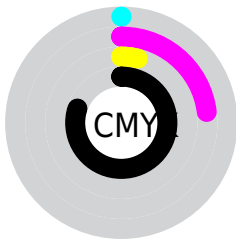
Blue (20%)



Red (20%)

Yellow (16%)

Blue (20%)

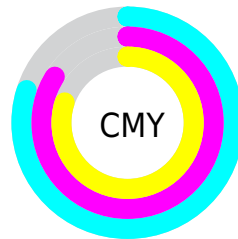


Cyan (0%)

Magenta (23%)

Yellow (4%)

Black (80%)



Cyan (80%)

Magenta (84%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.7280, 2.5991, 6.3775 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 44.7280, 2.5991, 6.3775 by changing the saturation by 10% instead.

■ 44.7280, 2.5991,
6.3775

■ 44.7280, 2.5991,
6.3775

■ 255.0000, 0.0000,
0.0000

■ 24.3150, 2.3097,
5.8627

■ 90.4400, 2.7411,
7.5071

■ 0.1140, 0.4368,
-0.1000

■ 114.8530, 3.0305,
8.0219

■ 0.0000, 0.0000,
0.0000

■ 140.5540, 3.1779,
7.4071

■ 166.8530, 3.0305,
8.0219

■ 194.2660, 3.3199,
8.5367

■ 222.2660, 3.3199,

8.5367

248.5430, 3.1833,
5.6628

44.7280, 2.5991,
6.3775

44.7280, 2.5991,
6.3775

41.6790, 3.6093,
9.0515

47.7770, 1.5889,
3.7036

38.6300, 4.6194,
11.7255

50.8260, 0.5788,
1.0296

34.9940, 5.9190,
14.9143

54.4620, -0.7208,
-2.1592

32.0590, 7.3659,
17.4883

57.3970, -2.1677,
-4.7332

29.0100, 8.3761,
20.1622

60.4460, -3.1779,
-7.4071

■ 25.9610, 9.3862,
22.8362

■ 63.4950, -4.1880,
-10.0811

■ 22.9120, 10.3964,
25.5102

■ 66.5440, -5.1982,
-12.7551

■ 20.4500, 11.1172,
27.6694

■ 70.1800, -6.4977,
-15.9439

■ 73.2290, -7.5079,
-18.6178

Harmonies

Analogous

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



44.3790, 5.2362, 0.5446



44.7280, 2.5991, 6.3775



44.6530, -0.3219, 9.9513

Triad

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



44.7280, 2.5991, 6.3775



43.1270, -5.9786, 4.2736



40.7640, 4.5533, -13.8250

Complementary

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



44.7280, 2.5991, 6.3775



47.2720, -2.5991, -6.3775

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.



40.9770, 1.4903, -11.3808



44.7280, 2.5991, 6.3775



42.4360, -4.6519, -1.2594

Square

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



44.7280, 2.5991, 6.3775



43.9750, -5.4107, 8.7919



41.9730, -2.4517, -6.9923



41.9430, 6.4371, -11.3510

Rectangle

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



44.7280, 2.5991, 6.3775



44.3820, -2.6533, 11.0660



41.9730, -2.4517, -6.9923



40.8350, 3.5323, -13.0103

Sweetspot

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



44.7280, 2.5991, 6.3775



65.9510, 1.0102, 2.6740



41.9660, 4.9468, 0.0298



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.



44.7280, 2.5991, 6.3775



57.5050, 4.1880, 10.0811



44.0440, -0.0217, 6.9774



24.1250, 0.4314, 1.6444



35.0470, 19.2038, 47.3168



85.5170, 47.0731, 115.3106

Inverse Universe

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



44.7280, 2.5991, 6.3775



57.5050, 4.1880, 10.0811



47.9560, 0.0217, -6.9774



24.1250, 0.4314, 1.6444



35.0470, 19.2038, 47.3168



85.5170, 47.0731, 115.3106

Previews

White Background



This preview shows how the YUV color 44.7280, 2.5991, 6.3775 looks on a white background.

Color Contrast Check

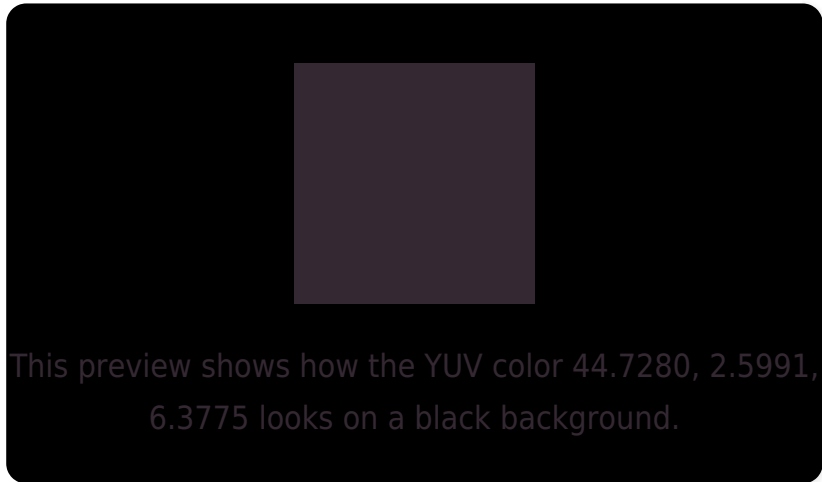
Large Text (above 18pt) WCAG AA ✓ Pass

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

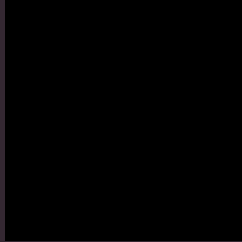
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.7280, 2.5991, 6.3775

Background



This preview shows how black text looks on a background with the YUV color 44.7280, 2.5991, 6.3775.



This preview shows how white text looks on a background with the YUV color 44.7280, 2.5991,

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

44.7280, 2.5991, 6.3775

Protanopia

43.7270, 4.0786, -1.5146

Deuteranopia

44.3960, 2.7628, 0.5297



Tritanopia

44.3320, -0.1637, 5.8478

Trichromacy



Original Color

44.7280, 2.5991, 6.3775

Protanomaly

44.2220, 3.3416, 1.5593

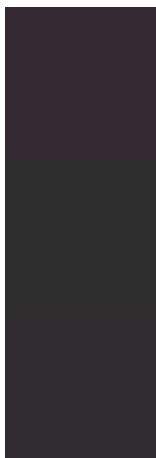
Deuteranomaly

44.7060, 2.6099, 2.8888

Tritanomaly

44.5600, 0.7099, 5.6479

Monochromacy



Original Color

44.7280, 2.5991, 6.3775

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

44.9510, 1.0102, 2.6740

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.7280, 2.5991, 6.3775 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(52, 40, 50)` looks like.

```
.text, #text, p{  
    color:rgb(52, 40, 50)  
}
```

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(52, 40, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 40, 50) }
```

Border

The CSS property to change the border of an element to YUV 44.7280, 2.5991, 6.3775 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(52, 40, 50) }
```


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

```
.border{ border-color:rgb(52, 40, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 40, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 40, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 40, 50);  
box-shadow:4px 4px 4px 4px rgb(52, 40, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.7280, 2.5991, 6.3775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 40, 50) }
```

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

```
.background{ background-color: rgb(52, 40,  
50) }
```

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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