

Converting Colors

YUV(44.4280, -12.5360, 7.5176)

Have a look what the booklet for
YUV(44.4280, -12.5360, 7.5176)
contains.

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Color

**YUV(44.4280, -12.5360,
7.5176)**

Conversions

Conversions Part 1

Format	Color
Hex	352D13
RGB	53, 45, 19
RGB Percent	21%, 18%, 7%
CMY	0.7922, 0.8235, 0.9255
CMYK	0.00, 0.15, 0.64, 0.79
HSL	46°, 47%, 14%
HSV	46°, 64%, 21%
XYZ	2.5241, 2.6807, 1.0005
YIQ	44.4280, 13.1140, -6.3900

Conversions

Conversions Part 2

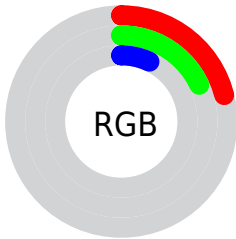
Format	Color
RYB	29, 53, 19
Decimal	3484947
CIELab	18.72, -0.47, 17.97
CIElCh	19, 17.972, 91.488
Yxy	2.6807, 0.4068, 0.4320
Android (android.graphics.Color)	4281675027 (0xFF352D13)
YUV	44.4280, -12.5360, 7.5176
Hunter-Lab	16.3728, -1.1337, 7.8379

Details

The YUV color **44.4280, -12.5360, 7.5176** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **27.5720, 12.5360, -7.5176**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.0970, -13.8518, 9.5619**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **43.2710, -14.4306, 8.5323**, and if you desaturate by 10%, it is **45.5850, -10.6414, 6.5030**.

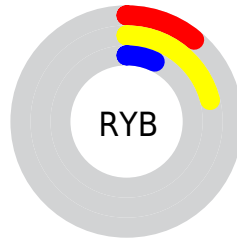
Distribution



Red (21%)

Green (18%)

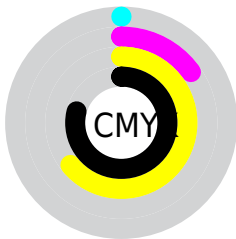
Blue (7%)



Red (11%)

Yellow (21%)

Blue (7%)

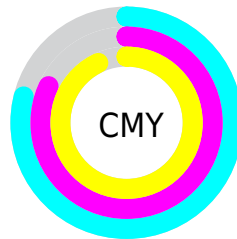


Cyan (0%)

Magenta (15%)

Yellow (64%)

Black (79%)



Cyan (79%)

Magenta (82%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.4280, -12.5360, 7.5176 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 44.4280, -12.5360, 7.5176 by changing the saturation by 10% instead.

■ 44.4280, -12.5360,
7.5176

■ 44.4280, -12.5360,
7.5176

■ 253.8600, -4.3680,
0.9998

■ 23.6560, -11.6624,
7.3177

■ 90.0970, -13.8518,
9.5619

■ 0.0000, 0.0000,
0.0000

■ 114.8690,
-14.7254, 9.7619

■ 140.4670,
-15.0202, 10.9914

■ 167.2390,
-15.8938, 11.1914

■ 194.2390,
-15.8938, 11.1914

■ 222.4240,

-16.4780, 11.9062

■ 247.6190,
-15.5882, 6.4731

■ 44.4280, -12.5360,
7.5176

■ 44.4280, -12.5360,
7.5176

■ 43.2710, -14.4306,
8.5323

■ 45.5850, -10.6414,
6.5030

■ 42.0000, -16.7620,
9.6470

■ 46.8560, -8.3100,
5.3883

■ 40.2560, -18.3672,
11.1765

■ 48.6000, -6.7048,
3.8588

■ 39.9140, -19.6776,
11.4764

■ 49.7570, -4.8102,
2.8441

■ 51.0280, -2.4788,
1.7294

■ 52.1850, -0.5842,
0.7148

■ 53.9290, 1.0210,
-0.8147

■ 55.0860, 2.9156,
-1.8294

■ 56.3570, 5.2470,
-2.9441

Harmonies

Analogous

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



45.2380, -10.9633, 16.4543



44.4280, -12.5360, 7.5176



43.3450, -10.0301, -2.9336

Triad

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



44.4280, -12.5360, 7.5176



37.2500, 10.7227, -32.6683



46.8690, 5.4876, 13.2699

Complementary

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



44.4280, -12.5360, 7.5176



27.5720, 12.5360, -7.5176

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.



46.7580, 10.4723, 1.0892



44.4280, -12.5360, 7.5176



37.1020, 15.2327, -32.5385

Square

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



44.4280, -12.5360, 7.5176



35.7680, 5.0444, -31.3685



43.4570, 13.5787, -15.3098



46.6050, -0.7913, 20.5174

Rectangle

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



44.4280, -12.5360, 7.5176



41.9140, -6.3666, -11.3256



43.4570, 13.5787, -15.3098



47.3030, 7.2456, 9.3813

Sweetspot

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



44.4280, -12.5360, 7.5176



65.7570, -4.8102, 2.8441



30.1920, -1.0807, 20.0026



33.8000, -3.3524, 1.9294



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.



44.4280, -12.5360, 7.5176



55.3270, -19.3882, 11.9912



46.7320, -13.6719, -1.5190



25.0710, -1.0210, 0.8147



66.5270, -32.7978, 19.7088



162.3250, -80.0262, 47.9500

Inverse Universe

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



27.5720, 12.5360, -7.5176



29.0860, 19.6776, -11.4764



25.5670, 13.5245, 2.1337



23.9290, 1.0210, -0.8147



22.4730, 32.7978, -19.7088



54.6750, 80.0262, -47.9500

Previews

White Background



This preview shows how the YUV color 44.4280, -12.5360, 7.5176 looks on a white background.

Color Contrast Check

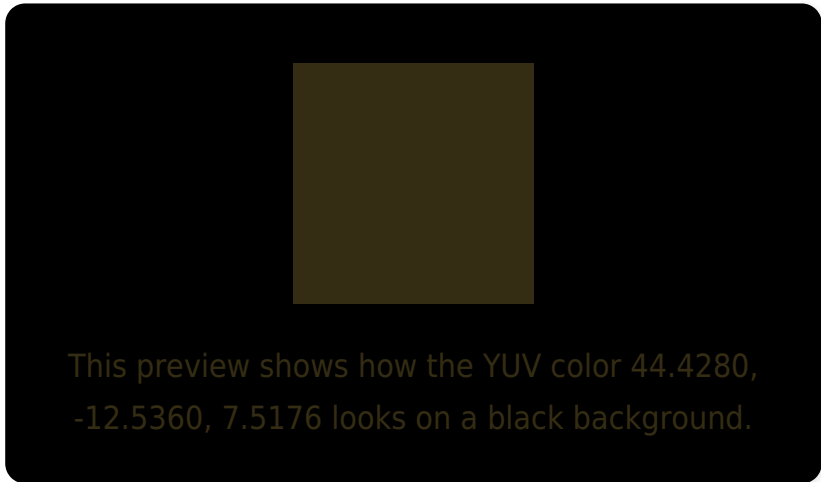
Large Text (above 18pt) WCAG AA ✓ Pass

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

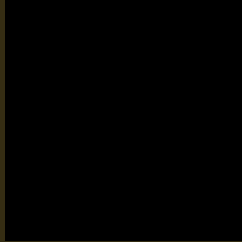
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.4280, -12.5360, 7.5176

Background



This preview shows how black text looks on a background with the YUV color 44.4280, -12.5360, 7.5176.

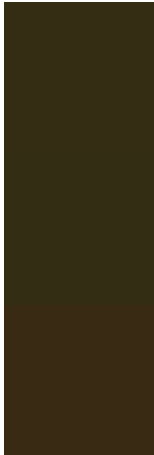


This preview shows how white text looks on a background with the YUV color 44.4280, -12.5360,

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

44.4280, -12.5360, 7.5176

Protanopia

44.4170, -12.5306, 5.7733

Deuteranopia

44.4500, -12.5468, 11.0064



Tritanopia

46.3430, -0.1691, 7.5922

Trichromacy



Original Color

44.4280, -12.5360, 7.5176

Protanomaly

44.7160, -12.6780, 6.3881

Deuteranomaly

44.7380, -12.6888, 9.8768

Tritanomaly

45.4910, -4.6791, 7.4624

Monochromacy



Original Color

44.4280, -12.5360, 7.5176

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

43.8710, -4.3734, 2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.4280, -12.5360, 7.5176 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, 45, 19)` looks like.

```
.text, #text, p{  
    color:rgb(53, 45, 19)  
}
```

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, 45, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 45, 19) }
```

Border

The CSS property to change the border of an element to YUV 44.4280, -12.5360, 7.5176 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, 45, 19) }
```


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

```
.border{ border-color:rgb(53, 45, 19) }
```

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

Here you see how a box with a 4 pixel rgb(53, 45, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 45, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 45, 19);  
box-shadow:4px 4px 4px 4px rgb(53, 45, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.4280, -12.5360, 7.5176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 45, 19) }
```

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

```
.background{ background-color: rgb(53, 45,  
19) }
```

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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