

Converting Colors

YUV(35.3280, 6.2473, 49.7013)

Have a look what the booklet for
YUV(35.3280, 6.2473, 49.7013)
contains.

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Color

**YUV(35.3280, 6.2473,
49.7013)**

Conversions

Conversions Part 1

Format	Color
Hex	5C0430
RGB	92, 4, 48
RGB Percent	36%, 2%, 19%
CMY	0.6392, 0.9843, 0.8118
CMYK	0.00, 0.96, 0.48, 0.64
HSL	330°, 92%, 19%
HSV	330°, 96%, 36%
XYZ	4.9906, 2.5755, 3.0304
YIQ	35.3280, 38.3240, 32.3400

Conversions

Conversions Part 2

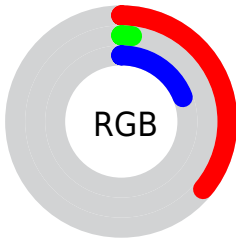
Format	Color
RYB	92, 4, 48
Decimal	6030384
CIELab	18.26, 39.57, -1.55
CIELCh	18, 39.600, 357.762
Yxy	2.5755, 0.4710, 0.2431
Android (android.graphics.Color)	4284220464 (0xFF5C0430)
YUV	35.3280, 6.2473, 49.7013
Hunter-Lab	16.0485, 27.4227, 0.0384

Details

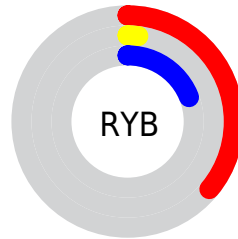
The YUV color **35.3280, 6.2473, 49.7013** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **60.6720, -6.2473, -49.7013**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.1770, 1.8847, 48.9568**, and **13.2700, -6.0491, 26.9502** is the 20% darker color. If you saturate the color by 10%, you get **32.7520, 6.5313, 51.9605**, and if you desaturate by 10%, it is **41.1810, 5.8268, 44.5683**.

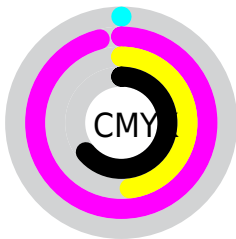
Distribution



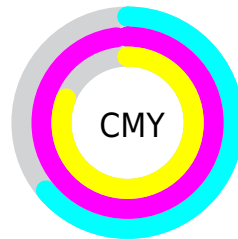
- Red (36%)
- Green (2%)
- Blue (19%)



- Red (36%)
- Yellow (2%)
- Blue (19%)



- Cyan (0%)
- Magenta (96%)
- Yellow (48%)
- Black (64%)



- Cyan (64%)
- Magenta (98%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.3280, 6.2473, 49.7013 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 35.3280, 6.2473, 49.7013 by changing the saturation by 10% instead.

■ 35.3280, 6.2473,
49.7013

■ 35.3280, 6.2473,
49.7013

■ 252.6520, 1.1576,
2.0592

■ 22.8120, 2.0647,
37.8759

■ 90.1770, 1.8847,
48.9568

■ 13.2700, -6.0491,
26.9502

■ 115.9600, 1.0057,
50.9011

■ 0.0000, 0.0000,
0.0000


■ 142.8570, 0.5635,
52.7454

■ 169.8680, 0.5581,
54.4898

■ 195.6720, 1.1477,
52.0307

■ 215.3000, 5.2751,


34.8169


 235.5150, 9.1131,
17.0883

 35.3280, 6.2473,
49.7013


 35.3280, 6.2473,
49.7013


 32.7520, 6.5313,
51.9605

 41.1810, 5.8268,
44.5683

 46.9200, 4.9694,
39.5352

 53.3600, 4.2595,
33.8873

 59.0990, 3.4022,
28.8542

 64.9520, 2.9817,
23.7211

■ 70.8050, 2.5611,
18.5880

■ 76.5440, 1.7038,
13.5549

■ 82.9840, 0.9939,
7.9070

■ 88.7230, 0.1366,
2.8739

Harmonies

Analogous

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



43.7150, 15.9165, 28.3139



35.3280, 6.2473, 49.7013



36.8320, -8.2982, 48.3823

Triad

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



35.3280, 6.2473, 49.7013



38.6190, -19.0392, -6.6819



42.8870, 24.7057, -37.6119

Complementary

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



35.3280, 6.2473, 49.7013



60.6720, -6.2473, -49.7013

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.



41.5530, 14.5174, -36.4420



35.3280, 6.2473, 49.7013



33.4250, -11.5485, -29.3137

Square

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



35.3280, 6.2473, 49.7013



42.5830, -20.9934, 13.5207



37.5460, 1.7028, -32.9278



40.3910, 30.3732, -35.4229

Rectangle

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



35.3280, 6.2473, 49.7013



39.5030, -19.4750, 39.9009



37.5460, 1.7028, -32.9278



42.7900, 21.7955, -37.5268

Sweetspot

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



35.3280, 6.2473, 49.7013



97.4030, 2.2663, 19.8176



27.1880, 31.9523, 18.2521



47.4190, 1.2724, 11.9105



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.



35.3280, 6.2473, 49.7013



42.7200, 8.5190, 67.7746



30.3120, -12.9718, 54.1004



42.8370, 0.5734, 2.7740



39.1600, 7.8091, 62.1267



84.4290, 17.0435, 133.8048

Inverse Universe

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



35.3280, 6.2473, 49.7013



42.7200, 8.5190, 67.7746



65.6880, 12.9718, -54.1004



42.8370, 0.5734, 2.7740



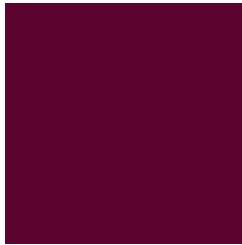
39.1600, 7.8091, 62.1267



84.4290, 17.0435, 133.8048

Previews

White Background



This preview shows how the YUV color 35.3280, 6.2473, 49.7013 looks on a white background.

Color Contrast Check

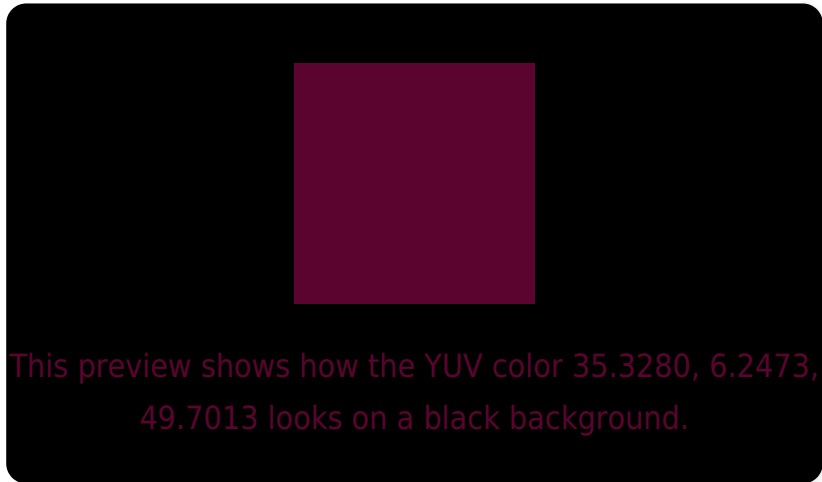
Large Text (above 18pt) WCAG AA ✓ Pass

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

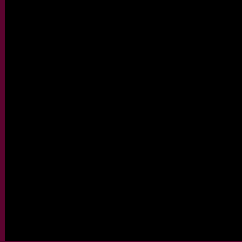
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.3280, 6.2473, 49.7013

Background



This preview shows how black text looks on a background with the YUV color 35.3280, 6.2473, 49.7013.



This preview shows how white text looks on a background with the YUV color 35.3280, 6.2473,

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

35.3280, 6.2473, 49.7013

Protanopia

47.7140, 10.4940, -5.8882

Deuteranopia

48.1640, -2.0529, 5.1182



Tritanopia

40.5280, -10.6133, 44.2639

Trichromacy



Original Color

35.3280, 6.2473, 49.7013

Protanomaly

43.0910, 8.8291, 14.8292

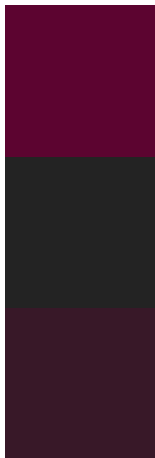
Deuteranomaly

43.6590, 0.6611, 21.3471

Tritanomaly

38.8470, -4.3616, 45.7382

Monochromacy



Original Color

35.3280, 6.2473, 49.7013

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.3920, 2.2717, 18.0732

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.3280, 6.2473, 49.7013 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(92, 4, 48)` looks like.

```
.text, #text, p{  
    color:rgb(92, 4, 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(92, 4, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 4, 48) }
```

Border

The CSS property to change the border of an element to YUV 35.3280, 6.2473, 49.7013 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(92, 4, 48) }
```


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

```
.border{ border-color:rgb(92, 4, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 4, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 4, 48); -webkit-box-shadow:4px  
4px 4px 4px rgb(92, 4, 48); box-shadow:4px  
4px 4px 4px rgb(92, 4, 48) }
```

Background

The CSS property to change the background color of an element to YUV 35.3280, 6.2473, 49.7013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 4, 48) }
```

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

```
.background{ background-color: rgb(92, 4,  
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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