

Converting Colors

YUV(64.3280, 2.7963, 36.5463)

Have a look what the booklet for
YUV(64.3280, 2.7963, 36.5463)
contains.

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Color

**YUV(64.3280, 2.7963,
36.5463)**

Conversions

Conversions Part 1

Format	Color
Hex	6A2A46
RGB	106, 42, 70
RGB Percent	42%, 16%, 27%
CMY	0.5843, 0.8353, 0.7255
CMYK	0.00, 0.60, 0.34, 0.58
HSL	334°, 43%, 29%
HSV	334°, 60%, 42%
XYZ	7.8773, 5.1623, 6.3756
YIQ	64.3280, 29.1560, 22.2760

Conversions

Conversions Part 2

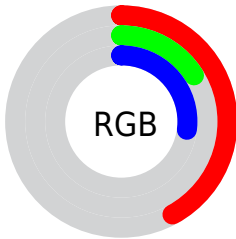
Format	Color
RYB	106, 42, 70
Decimal	6957638
CIELab	27.19, 31.82, -3.19
CIELCh	27, 31.983, 354.268
Yxy	5.1623, 0.4057, 0.2659
Android (android.graphics.Color)	4285147718 (0xFF6A2A46)
YUV	64.3280, 2.7963, 36.5463
Hunter-Lab	22.7207, 22.1251, -0.7327

Details

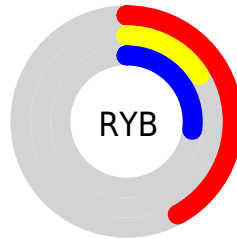
The YUV color **64.3280, 2.7963, 36.5463** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **83.6720, -2.7963, -36.5463**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.7090, 1.6225, 39.7202**, and **19.5230, 3.6862, 31.1133** is the 20% darker color. If you saturate the color by 10%, you get **57.1870, 3.3588, 42.8090**, and if you desaturate by 10%, it is **71.4690, 2.2338, 30.2837**.

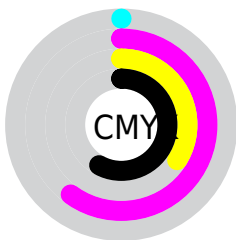
Distribution



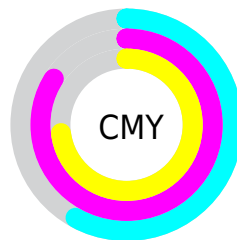
- Red (42%)
- Green (16%)
- Blue (27%)



- Red (42%)
- Yellow (16%)
- Blue (27%)



- Cyan (0%)
- Magenta (60%)
- Yellow (34%)
- Black (58%)



- Cyan (58%)
- Magenta (84%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.3280, 2.7963, 36.5463 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 64.3280, 2.7963, 36.5463 by changing the saturation by 10% instead.

64.3280, 2.7963,
36.5463

64.3280, 2.7963,
36.5463

255.0000, 0.0000,
0.0000

39.3710, 4.2541,
35.6316

114.7090, 1.6225,
39.7202

19.5230, 3.6862,
31.1133

140.4210, 1.7644,
40.8498

10.2800, -4.5750,
20.8024

167.3180, 1.3222,
42.6941

0.0000, 0.0000,
0.0000

195.0300, 1.4642,
43.8237

217.6480, 4.1175,
32.7577

237.2760, 8.2449,

15.5439

254.4130, 0.2894,
0.5148

■ 64.3280, 2.7963,
36.5463

■ 64.3280, 2.7963,
36.5463

■ 57.1870, 3.3588,
42.8090

■ 71.4690, 2.2338,
30.2837

■ 50.6330, 3.6319,
48.5569

■ 78.0230, 1.9607,
24.5358

■ 43.4920, 4.1944,
54.8195

■ 85.1640, 1.3981,
18.2732

■ 36.9380, 4.4676,
60.5674

■ 91.7180, 1.1250,
12.5253

■ 98.8590, 0.5625,
6.2627

■ 106.0000, 0.0000,
0.0000

■ 112.5540, -0.2731,
-5.7479

■ 119.6950, -0.8356,
-12.0105

■ 126.2490, -1.1088,
-17.7584

Harmonies

Analogous

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



65.9760, 13.3228, 20.1920



64.3280, 2.7963, 36.5463



62.7770, -8.2711, 39.6606

Triad

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



64.3280, 2.7963, 36.5463



59.6690, -21.5288, -1.4637



55.2940, 24.0121, -48.4928

Complementary

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



64.3280, 2.7963, 36.5463



83.6720, -2.7963, -36.5463

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.



54.1880, 14.6973, -47.5229



64.3280, 2.7963, 36.5463



54.5010, -10.1070, -24.9954

Square

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



64.3280, 2.7963, 36.5463



61.2800, -24.7880, 17.2944



51.3380, 3.7774, -45.0234



52.7980, 29.6796, -46.3038

Rectangle

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



64.3280, 2.7963, 36.5463



63.0940, -15.8223, 34.9976



51.3380, 3.7774, -45.0234



55.1970, 21.1019, -48.4078

Sweetspot

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



64.3280, 2.7963, 36.5463



121.7290, 1.1196, 14.2697



59.7610, 22.7958, 15.1186



59.1690, 0.4097, 8.6218



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



64.3280, 2.7963, 36.5463



73.5030, 4.1890, 56.5639



62.8970, -10.3022, 37.8013



50.1360, 0.4260, 3.3887



40.7970, 5.0301, 66.8300



85.4530, 10.6227, 139.9227

Inverse Universe

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



64.3280, 2.7963, 36.5463



73.5030, 4.1890, 56.5639



85.1030, 10.3022, -37.8013



50.1360, 0.4260, 3.3887



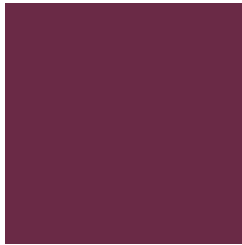
40.7970, 5.0301, 66.8300



85.4530, 10.6227, 139.9227

Previews

White Background



This preview shows how the YUV color 64.3280, 2.7963, 36.5463 looks on a white background.

Color Contrast Check

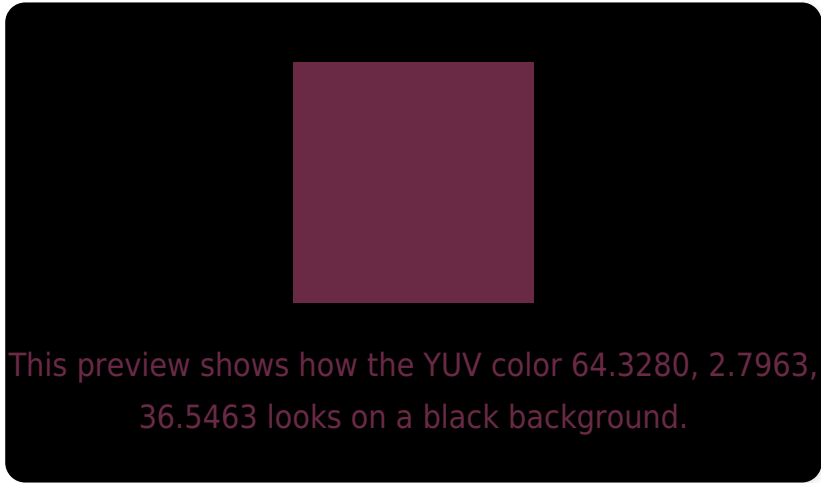
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.3280, 2.7963, 36.5463

Background



This preview shows how black text looks on a background with the YUV color 64.3280, 2.7963, 36.5463.



This preview shows how white text looks on a background with the YUV color 64.3280, 2.7963,

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

64.3280, 2.7963, 36.5463

Protanopia

65.1980, 9.7624, -4.5586

Deuteranopia

65.8480, 0.5679, 4.5183



Tritanopia

63.7980, -6.8024, 35.2572

Trichromacy



Original Color

64.3280, 2.7963, 36.5463

Protanomaly

65.0150, 7.3876, 10.5108

Deuteranomaly

65.1530, 1.4036, 16.5288

Tritanomaly

64.3080, -3.6028, 35.6869

Monochromacy



Original Color

64.3280, 2.7963, 36.5463

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.0170, 0.9776, 13.1401

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.3280, 2.7963, 36.5463 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(106, 42, 70)` looks like.

```
.text, #text, p{  
    color:rgb(106, 42, 70)  
}
```

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(106, 42, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 42, 70) }
```

Border

The CSS property to change the border of an element to YUV 64.3280, 2.7963, 36.5463 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(106, 42, 70) }
```


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

```
.border{ border-color:rgb(106, 42, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 42, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 42, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 42, 70);  
box-shadow:4px 4px 4px 4px rgb(106, 42,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 64.3280, 2.7963, 36.5463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 42, 70) }
```

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

```
.background{ background-color: rgb(106, 42,  
70) }
```

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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