

Converting Colors

YUV(48.3280, 12.6563, 0.5893)

Have a look what the booklet for
YUV(48.3280, 12.6563, 0.5893)
contains.

YUV(48.3280, 12.6563, 0.5893)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(48.3280, 12.6563,
0.5893)**

Conversions

Conversions Part 1

Format	Color
Hex	312B4A
RGB	49, 43, 74
RGB Percent	19%, 17%, 29%
CMY	0.8078, 0.8314, 0.7098
CMYK	0.34, 0.42, 0.00, 0.71
HSL	252°, 26%, 23%
HSV	252°, 42%, 29%
XYZ	3.3665, 2.8751, 6.8561
YIQ	48.3280, -6.3750, 10.9130

Conversions

Conversions Part 2

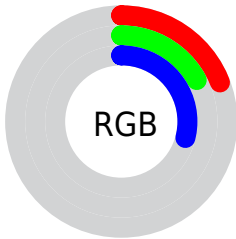
Format	Color
RYB	49, 43, 74
Decimal	3222346
CIELab	19.54, 11.03, -18.30
CIELCh	20, 21.364, 301.080
Yxy	2.8751, 0.2570, 0.2195
Android (android.graphics.Color)	4281412426 (0xFF312B4A)
YUV	48.3280, 12.6563, 0.5893
Hunter-Lab	16.9562, 5.7665, -12.1040

Details

The YUV color **48.3280, 12.6563, 0.5893** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **68.6720, -12.6563, -0.5893**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.3820, 14.1087, 1.4190**, and **4.3170, 12.6617, -1.1550** is the 20% darker color. If you saturate the color by 10%, you get **42.4250, 15.5665, 0.5043**, and if you desaturate by 10%, it is **54.2310, 9.7461, 0.6744**.

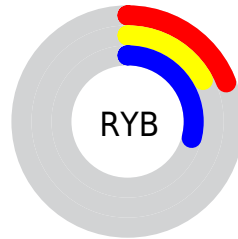
Distribution



Red (19%)

Green (17%)

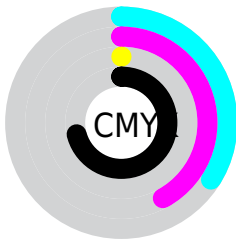
Blue (29%)



Red (19%)

Yellow (17%)

Blue (29%)

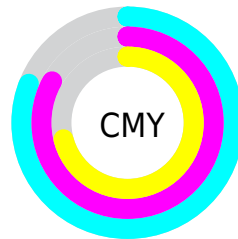


Cyan (34%)

Magenta (42%)

Yellow (0%)

Black (71%)



Cyan (81%)

Magenta (83%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.3280, 12.6563, 0.5893 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 48.3280, 12.6563, 0.5893 by changing the saturation by 10% instead.

■ 48.3280, 12.6563,
0.5893

■ 48.3280, 12.6563,
0.5893

■ 255.0000, 0.0000,
0.0000

■ 27.3880, 11.6407,
-0.3403

■ 94.3820, 14.1087,
1.4190

■ 4.3170, 12.6617,
-1.1550

■ 119.4960, 14.5455,
1.3190

■ 0.1140, 0.4368,
-0.1000

■ 144.9090, 14.8349,
1.8338

■ 0.0000, 0.0000,
0.0000

■ 172.0230, 15.2717,
1.7338

■ 199.4360, 15.5611,
2.2486

■ 226.9800, 13.8139,

2.6485

250.8910, 2.0257,
3.6036

48.3280, 12.6563,
0.5893

48.3280, 12.6563,
0.5893

42.4250, 15.5665,
0.5043

54.2310, 9.7461,
0.6744

35.9350, 18.7660,
0.9340

60.7210, 6.5465,
0.2447

30.0320, 21.6762,
0.8489

66.6240, 3.6364,
0.3298

23.5420, 24.8758,
1.2787

73.1140, 0.4368,
-0.1000

17.6390, 27.7860,
1.1936

79.0170, -2.4734,
-0.0149

■ 12.6220, 30.2594,
1.2085

■ 84.9200, -5.3836,
0.0702

■ 91.4100, -8.5831,
-0.3596

■ 97.3130, -11.4933,
-0.2745

■ 103.8030,
-14.6929, -0.7042

Harmonies

Analogous

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



43.6350, 16.9419, -20.7279



48.3280, 12.6563, 0.5893



48.9340, 6.9345, 15.8439

Triad

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



48.3280, 12.6563, 0.5893



46.6790, -13.1527, 18.6985



37.6430, 4.6130, -33.0129

Complementary

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



48.3280, 12.6563, 0.5893



68.6720, -12.6563, -0.5893

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.



41.3260, -4.5977, -18.7029



48.3280, 12.6563, 0.5893



46.0430, -15.3042, 8.7323

Square

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



48.3280, 12.6563, 0.5893



47.5040, -7.6435, 24.9910



44.1770, -11.9193, -3.6632



39.4670, 11.6018, -34.6126

Rectangle

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



48.3280, 12.6563, 0.5893



48.7130, 2.1135, 22.1767



44.1770, -11.9193, -3.6632



37.0730, 2.4290, -32.5130

Sweetspot

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



48.3280, 12.6563, 0.5893



86.3790, 5.2362, 0.5446



61.2090, 6.3060, -15.9693



42.0970, 2.9102, -0.0851



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



48.3280, 12.6563, 0.5893



56.5760, 19.9290, 1.2488



52.8130, 10.4452, 9.8110



34.7550, 1.5998, 0.2149



17.6080, 41.6053, 2.0978



39.3760, 93.9776, 4.0552

Inverse Universe

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



55.1190, 6.3503, 16.5586



67.2110, 10.2490, 26.1250



64.1870, -10.4452, -9.8110



35.6520, 1.1576, 2.0592



39.8460, 20.7819, 54.5091



89.8600, 46.9040, 122.9028

Previews

White Background



This preview shows how the YUV color 48.3280, 12.6563, 0.5893 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



This preview shows how the YUV color 48.3280, 12.6563, 0.5893 looks on a 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 48.3280, 12.6563, 0.5893

Background



This preview shows how black text looks on a background with the YUV color 48.3280, 12.6563, 0.5893.



This preview shows how white text looks on a background with the YUV color 48.3280, 12.6563,

0.5893.

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

48.3280, 12.6563, 0.5893

Protanopia

46.2450, 15.1622, -9.8619

Deuteranopia

46.0770, 13.2730, -10.5915



Tritanopia

47.2600, 2.3368, -2.8590

Trichromacy



Original Color

48.3280, 12.6563, 0.5893

Protanomaly

47.0390, 14.2778, -6.1732

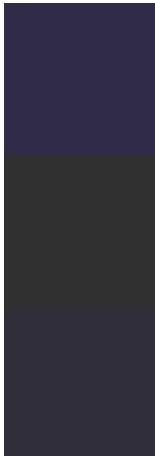
Deuteranomaly

46.9850, 12.8254, -7.0028

Tritanomaly

47.5960, 6.1152, -1.3997

Monochromacy



Original Color

48.3280, 12.6563, 0.5893

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.8520, 4.5100, 0.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.3280, 12.6563, 0.5893 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(49, 43, 74)` looks like.

```
.text, #text, p{  
    color:rgb(49, 43, 74)  
}
```

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(49, 43, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 43, 74) }
```

Border

The CSS property to change the border of an element to YUV 48.3280, 12.6563, 0.5893 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(49, 43, 74) }
```


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

```
.border{ border-color:rgb(49, 43, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 43, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 43, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 43, 74);  
box-shadow:4px 4px 4px 4px rgb(49, 43, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.3280, 12.6563, 0.5893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 43, 74) }
```

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

```
.background{ background-color: rgb(49, 43,  
74) }
```

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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