

Converting Colors

YUV(146.3280, 12.6563, 0.5893)

Have a look what the booklet for
YUV(146.3280, 12.6563, 0.5893)
contains.

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Color

**YUV(146.3280, 12.6563,
0.5893)**

Conversions

Conversions Part 1

Format	Color
Hex	938DAC
RGB	147, 141, 172
RGB Percent	58%, 55%, 67%
CMY	0.4235, 0.4471, 0.3255
CMYK	0.15, 0.18, 0.00, 0.33
HSL	252°, 16%, 61%
HSV	252°, 18%, 67%
XYZ	29.0039, 28.2314, 42.9503
YIQ	146.3280, -6.3750, 10.9130

Conversions

Conversions Part 2

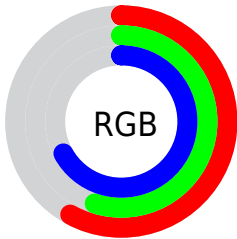
Format	Color
R_{YB}	147, 141, 172
Decimal	9670060
CIE Lab	60.10, 8.62, -15.48
CIE LCh	60, 17.713, 299.109
Yxy	28.2314, 0.2895, 0.2818
Android (android.graphics.Color)	4287860140 (0xFF938DAC)
YUV	146.3280, 12.6563, 0.5893
Hunter-Lab	53.1332, 4.4550, -10.7339

Details

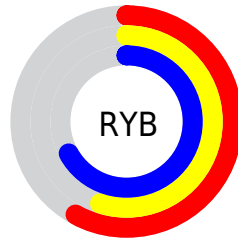
The YUV color $146.3280, 12.6563, 0.5893$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $166.6720, -12.6563, -0.5893$, and the grayscale version is $146.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $200.4420, 13.0931, 0.4894$, and $95.8010, 11.9301, 0.1745$ is the 20% darker color. If you saturate the color by 10%, you get $132.1630, 19.6396, 0.7340$, and if you desaturate by 10%, it is $160.4930, 5.6730, 0.4446$.

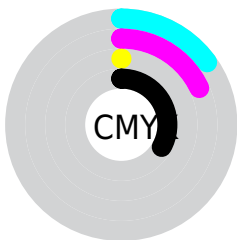
Distribution



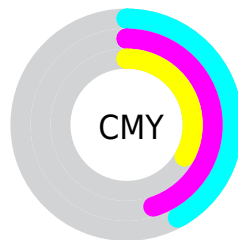
- Red (58%)
- Green (55%)
- Blue (67%)



- Red (58%)
- Yellow (55%)
- Blue (67%)



- Cyan (15%)
- Magenta (18%)
- Yellow (0%)
- Black (33%)



- Cyan (42%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.3280, 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 146.3280, 12.6563, 0.5893 by changing the saturation by 10% instead.

■ 146.3280, 12.6563,
0.5893

■ 146.3280, 12.6563,
0.5893

■ 255.0000, 0.0000,
0.0000

■ 120.2140, 12.2195,
0.6893

■ 200.4420, 13.0931,
0.4894

■ 95.8010, 11.9301,
0.1745

■ 227.8550, 13.3825,
1.0042

■ 71.6870, 11.4933,
0.2745

■ 252.6520, 1.1576,
2.0592

■ 49.1600, 10.7671,
-0.1403

■ 28.3340, 10.1883,
-1.1699

■ 4.6870, 11.4933,
0.2745

■ 0.0000, 0.0000,

0.0000

■ 146.3280, 12.6563,
0.5893

■ 146.3280, 12.6563,
0.5893

■ 132.1630, 19.6396,
0.7340

■ 160.4930, 5.6730,
0.4446

■ 117.9980, 26.6230,
0.8788

■ 174.6580, -1.3104,
0.2999

■ 103.2460, 33.8957,
1.5383

■ 189.4100, -8.5831,
-0.3596

■ 89.3800, 40.7317,
2.2977

■ 203.2760,
-15.4191, -1.1191

■ 75.2150, 47.7150,
2.4424

■ 217.4410,
-22.4024, -1.2638

■ 61.0500, 54.6983,
2.5872

■ 231.6060,
-29.3858, -1.4085

■ 46.8850, 61.6817,
2.7319

■ 242.2490,
-34.6328, 1.5356

■ 32.1330, 68.9544,
3.3914

■ 245.5380,
-36.2542, 8.2982

■ 29.4750, 70.2648,
3.0914

Harmonies

Analogous

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



143.4400, 16.0521, -15.2949



146.3280, 12.6563, 0.5893



147.5210, 6.6451, 15.3291

Triad

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



146.3280, 12.6563, 0.5893



145.9890, -13.3056, 21.0576



139.1060, 2.4127, -27.2800

Complementary

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



146.3280, 12.6563, 0.5893



166.6720, -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.



140.5930, -6.2083, -15.4291



146.3280, 12.6563, 0.5893



144.4670, -15.0202, 10.9914

Square

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



146.3280, 12.6563, 0.5893



146.9880, -8.3751, 26.3205



142.0740, -12.3615, -1.8189



138.4350, 10.1385, -31.9535

Rectangle

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



146.3280, 12.6563, 0.5893



147.5990, 1.6767, 22.2767



142.0740, -12.3615, -1.8189



139.0310, -0.5083, -23.7062

Sweetspot

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



146.3280, 12.6563, 0.5893



214.8520, 4.5100, 0.1298



159.2090, 6.3060, -15.9693



106.3960, 2.7628, 0.5297



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



146.3280, 12.6563, 0.5893



183.5760, 19.9290, 1.2488



150.8130, 10.4452, 9.8110



79.6240, 3.6364, 0.3298



25.7710, 61.2449, 2.8318



3.8180, 9.4567, 0.1596

Inverse Universe

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



153.1190, 6.3503, 16.5586



194.2110, 10.2490, 26.1250



162.1870, -10.4452, -9.8110



81.4890, 1.7309, 4.8331



58.6440, 30.7415, 80.1192



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 146.3280, 12.6563, 0.5893 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 146.3280, 12.6563, 0.5893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

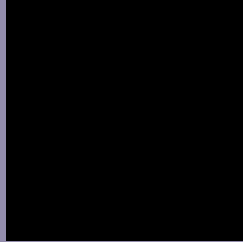
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.3280, 12.6563, 0.5893

Background



This preview shows how black text looks on a background with the YUV color 146.3280, 12.6563, 0.5893.



This preview shows how white text looks on a background with the YUV color 146.3280, 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

146.3280, 12.6563, 0.5893

Protanopia

145.6260, 13.9884, -6.6880

Deuteranopia

146.0290, 12.8037, -0.0254



Tritanopia

145.2540, 4.8048, -1.0998

Trichromacy



Original Color

146.3280, 12.6563, 0.5893

Protanomaly

145.8220, 13.3988, -4.2289

Deuteranomaly

146.0290, 12.8037, -0.0254

Tritanomaly

145.6500, 7.5676, -0.5700

Monochromacy



Original Color

146.3280, 12.6563, 0.5893

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.8520, 4.5100, 0.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.3280, 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(147, 141, 172)` looks like.

```
.text, #text, p{  
    color:rgb(147, 141, 172)  
}
```

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(147, 141, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 141, 172) }
```

Border

The CSS property to change the border of an element to YUV 146.3280, 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(147, 141, 172) }
```


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

```
.border{ border-color:rgb(147, 141, 172) }
```

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

Here you see how a box with a 4 pixel rgb(147, 141, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 141, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 141, 172);  
box-shadow:4px 4px 4px 4px rgb(147, 141,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 146.3280, 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(147, 141, 172) }
```

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

```
.background{ background-color: rgb(147,  
141, 172) }
```

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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