

Converting Colors

YUV(96.2940, 14.1521,
-12.5358)

Have a look what the booklet for
YUV(96.2940, 14.1521, -12.5358)
contains.

YUV(96.2940, 14.1521, -12.5358)	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(96.2940, 14.1521,
-12.5358)**

Conversions

Conversions Part 1

Format	Color
Hex	52627D
RGB	82, 98, 125
RGB Percent	32%, 38%, 49%
CMY	0.6784, 0.6157, 0.5098
CMYK	0.34, 0.22, 0.00, 0.51
HSL	218°, 21%, 41%
HSV	218°, 34%, 49%
XYZ	11.5490, 12.0099, 21.1115
YIQ	96.2940, -18.2030, 5.0050

Conversions

Conversions Part 2

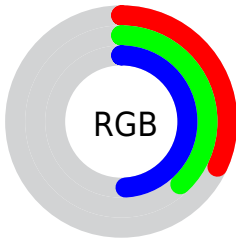
Format	Color
R_{YB}	82, 94, 125
Decimal	5399165
CIE Lab	41.23, 0.96, -17.08
CIE LCh	41, 17.109, 273.222
Yxy	12.0099, 0.2585, 0.2689
Android (android.graphics.Color)	4283589245 (0xFF52627D)
YUV	96.2940, 14.1521, -12.5358
Hunter-Lab	34.6553, -1.1607, -11.8599

Details

The YUV color **96.2940, 14.1521, -12.5358** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **110.7060, -14.1521, 12.5358**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5220, 15.0257, -12.7358**, and **49.6530, 12.9891, -12.8507** is the 20% darker color. If you saturate the color by 10%, you get **88.0100, 18.2361, -15.7948**, and if you desaturate by 10%, it is **104.8770, 9.9206, -8.6621**.

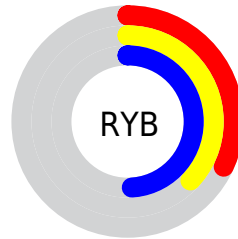
Distribution



Red (32%)

Green (38%)

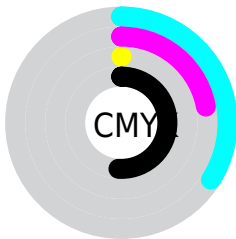
Blue (49%)



Red (32%)

Yellow (37%)

Blue (49%)

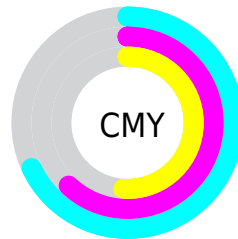


Cyan (34%)

Magenta (22%)

Yellow (0%)

Black (51%)



Cyan (68%)

Magenta (62%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.2940, 14.1521, -12.5358 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 96.2940, 14.1521, -12.5358 by changing the saturation by 10% instead.

■ 96.2940, 14.1521,
-12.5358

■ 96.2940, 14.1521,
-12.5358

■ 255.0000, 0.0000,
0.0000

■ 72.1800, 13.7153,
-12.4359

■ 147.5220, 15.0257,
-12.7358

■ 49.6530, 12.9891,
-12.8507

■ 173.6360, 15.4625,
-12.8358

■ 27.2290, 12.7051,
-15.1098

■ 201.3370, 15.6099,
-13.4505

■ 6.5830, 12.5306,
-5.7733

■ 228.6530, 12.9891,
-12.8507

■ 0.5700, 2.1840,
-0.4999

■ 251.4120, 1.7689,
-7.3773

■ 0.0000, 0.0000,
0.0000

■ 96.2940, 14.1521,
-12.5358

■ 96.2940, 14.1521,
-12.5358

■ 88.0100, 18.2361,
-15.7948

■ 104.8770, 9.9206,
-8.6621

■ 79.4270, 22.4675,
-19.6685

■ 113.1610, 5.8366,
-5.4032

■ 71.1430, 26.5515,
-22.9274

■ 121.7440, 1.6052,
-1.5295

■ 63.1470, 30.4935,
-27.3159

■ 129.4410, -2.1894,
2.2442

■ 54.8630, 34.5775,
-30.5749

■ 138.0240, -6.4208,
6.1180

■ 46.2800, 38.8090,
-34.4486


■ 146.3080,
-10.5048, 9.3769

■ 41.8390, 40.9984,
-36.6928

■ 154.8910,
-14.7363, 13.2506

■ 163.1750,

-18.8203, 16.5095

 171.7580,
-23.0517, 20.3832

Harmonies

Analogous

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



92.9180, 14.3374, -25.3611



96.2940, 14.1521, -12.5358



98.5840, 11.0511, 2.1188

Triad

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



96.2940, 14.1521, -12.5358



98.4930, -7.6380, 23.2466



93.0490, -4.4612, -15.8290

Complementary

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



96.2940, 14.1521, -12.5358



110.7060, -14.1521, 12.5358

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.



94.8180, -10.7563, -3.3484



96.2940, 14.1521, -12.5358



97.6080, -12.1317, 17.8838

Square

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



96.2940, 14.1521, -12.5358



99.3880, -1.6703, 22.4617



96.4990, -13.5570, 8.3324



91.0460, 3.4283, -26.3503

Rectangle

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



96.2940, 14.1521, -12.5358



99.3140, 7.2402, 11.1256



96.4990, -13.5570, 8.3324



93.5010, -6.6560, -11.8404

Sweetspot

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



96.2940, 14.1521, -12.5358



152.3460, 5.2524, -4.6884



110.3190, -0.6503, -24.8358



74.9010, 3.4998, -2.5442



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



96.2940, 14.1521, -12.5358



118.3130, 22.0307, -19.5685



88.3970, 18.0453, -1.2252



59.5590, 2.1894, -2.2442



42.1810, 42.3088, -36.9927



0.0000, 0.0000, 0.0000

Inverse Universe

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



96.6810, 0.6503, 24.8358



118.8830, 1.0437, 38.6906



118.6030, -18.0453, 1.2252



59.4350, 0.2785, 4.0035



43.6300, 1.6614, 73.9925



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 96.2940, 14.1521, -12.5358 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 × Fail

Black Background



This preview shows how the YUV color 96.2940, 14.1521, -12.5358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

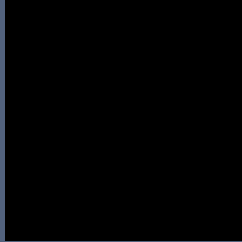
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

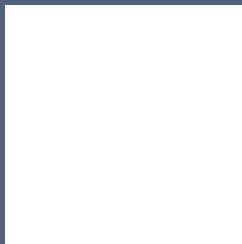
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 96.2940, 14.1521, -12.5358

Background



This preview shows how black text looks on a background with the YUV color 96.2940, 14.1521, -12.5358.



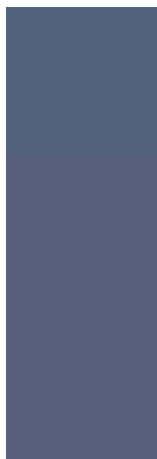
This preview shows how white text looks on a background with the YUV color 96.2940, 14.1521,

-12.5358.

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

96.2940, 14.1521, -12.5358

Protanopia

97.3980, 13.1148, -6.4880

Deuteranopia

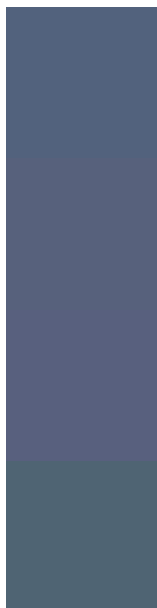
97.3380, 14.1304, -5.5584



Tritanopia

95.0350, 6.8847, -14.9397

Trichromacy



Original Color

96.2940, 14.1521, -12.5358

Protanomaly

97.0880, 13.2676, -8.8472

Deuteranomaly

97.0280, 14.2832, -7.9176

Tritanomaly

95.4310, 9.6475, -14.4100

Monochromacy



Original Color

96.2940, 14.1521, -12.5358

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.3460, 5.2524, -4.6884

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.2940, 14.1521, -12.5358 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(82, 98, 125)` looks like.

```
.text, #text, p{  
    color:rgb(82, 98, 125)  
}
```

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(82, 98, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 98, 125) }
```

Border

The CSS property to change the border of an element to YUV 96.2940, 14.1521, -12.5358 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(82, 98, 125) }
```


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

```
.border{ border-color:rgb(82, 98, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 98, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 98, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 98, 125);  
box-shadow:4px 4px 4px 4px rgb(82, 98,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 96.2940, 14.1521, -12.5358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 98, 125) }
```

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

```
.background{ background-color: rgb(82, 98,  
125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor