

Converting Colors

YUV(96.3400, 21.0314,
-25.7312)

Have a look what the booklet for
YUV(96.3400, 21.0314, -25.7312)
contains.

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Color

**YUV(96.3400, 21.0314,
-25.7312)**

Conversions

Conversions Part 1

Format	Color
Hex	43678B
RGB	67, 103, 139
RGB Percent	26%, 40%, 55%
CMY	0.7373, 0.5961, 0.4549
CMYK	0.52, 0.26, 0.00, 0.45
HSL	210°, 35%, 40%
HSV	210°, 52%, 55%
XYZ	11.8252, 12.7579, 26.2654
YIQ	96.3400, -33.0120, 3.5640

Conversions

Conversions Part 2

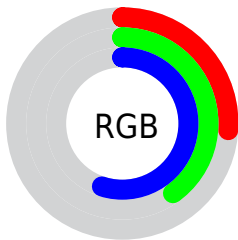
Format	Color
R _Y B	67, 91, 139
Decimal	4417419
CIE Lab	42.40, -2.10, -23.82
CIE LCh	42, 23.910, 264.964
Yxy	12.7579, 0.2326, 0.2509
Android (android.graphics.Color)	4282607499 (0xFF43678B)
YUV	96.3400, 21.0314, -25.7312
Hunter-Lab	35.7182, -3.4109, -18.5962

Details

The YUV color **96.3400, 21.0314, -25.7312** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **109.6600, -21.0314, 25.7312**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9810, 22.1944, -25.4163**, and **45.1110, 21.6373, -33.4233** is the 20% darker color. If you saturate the color by 10%, you get **88.0450, 25.1208, -30.7345**, and if you desaturate by 10%, it is **104.6350, 16.9419, -20.7279**.

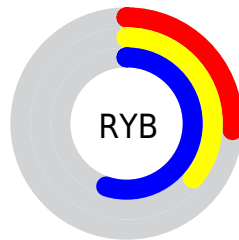
Distribution



Red (26%)

Green (40%)

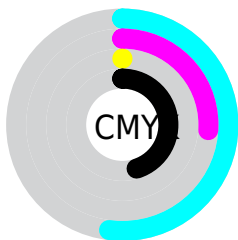
Blue (55%)



Red (26%)

Yellow (36%)

Blue (55%)

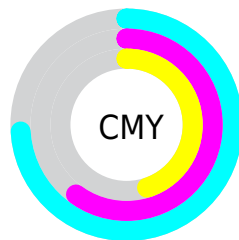


Cyan (52%)

Magenta (26%)

Yellow (0%)

Black (45%)



Cyan (74%)

Magenta (60%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.3400, 21.0314, -25.7312 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 96.3400, 21.0314, -25.7312 by changing the saturation by 10% instead.

■ 96.3400, 21.0314,
-25.7312

■ 96.3400, 21.0314,
-25.7312

■ 255.0000, 0.0000,
0.0000

■ 71.2150, 20.6000,
-27.3756

■ 147.9810, 22.1944,
-25.4163

■ 45.1110, 21.6373,
-33.4233

■ 175.0950, 22.6312,
-25.5163

■ 27.9550, 18.2632,
-24.5165

■ 202.5080, 22.9206,
-25.0015

■ 12.5330, 15.0202,
-10.9914

■ 228.0000, 13.3110,
-22.8020

■ 3.0950, 9.3202,
-2.7143

■ 247.8240, 3.5378,
-14.7546

■ 0.0000, 0.0000,
0.0000

■ 96.3400, 21.0314,
-25.7312

■ 96.3400, 21.0314,
-25.7312

■ 88.0450, 25.1208,
-30.7345

■ 104.6350, 16.9419,
-20.7279

■ 79.7500, 29.2102,
-35.7377

■ 112.9300, 12.8525,
-15.7246

■ 71.4550, 33.2997,
-40.7410

■ 121.2250, 8.7631,
-10.7213

■ 63.1600, 37.3891,
-45.7443

■ 129.5200, 4.6736,
-5.7180

■ 56.9360, 40.4576,
-49.9329


■ 137.8150, 0.5842,
-0.7148

■ 145.8110, -3.3578,
3.6738

■ 154.1060, -7.4473,
8.6770

■ 162.4010,

-11.5367, 13.6803

 170.6960,
-15.6261, 18.6836

Harmonies

Analogous

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



89.2080, 21.0965, -46.6634



96.3400, 21.0314, -25.7312



101.1580, 17.1771, -2.7696

Triad

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



96.3400, 21.0314, -25.7312



101.6190, -8.6862, 32.7831



94.0010, -8.3815, -18.4179

Complementary

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



96.3400, 21.0314, -25.7312



109.6600, -21.0314, 25.7312

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.



97.0480, -16.2927, -0.9191



96.3400, 21.0314, -25.7312



100.3380, -15.9426, 26.8906

Square

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



96.3400, 21.0314, -25.7312



102.4150, 0.7814, 29.4540



99.1640, -18.8149, 14.7652



90.7520, 2.5873, -36.6165

Rectangle

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



96.3400, 21.0314, -25.7312



102.3940, 12.6238, 11.0555



99.1640, -18.8149, 14.7652



95.2360, -11.4553, -12.4850

Sweetspot

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



96.3400, 21.0314, -25.7312



164.1110, 8.3263, -10.6213



113.3680, -5.1114, -40.6647



81.3350, 5.2578, -6.4328



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



96.3400, 21.0314, -25.7312



114.6400, 32.7155, -40.0263



75.2080, 31.4495, -7.1984



64.5590, 2.1894, -2.2442



53.9040, 38.9943, -47.2738



2.3310, 1.3158, -2.0443

Inverse Universe

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



92.6320, 5.1114, 40.6647



108.8720, 7.9511, 63.2563



130.7920, -31.4495, 7.1984



64.4350, 0.2785, 4.0035



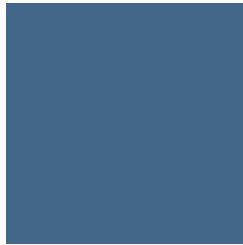
47.2910, 9.2235, 75.1668



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 96.3400, 21.0314, -25.7312 looks on a white background.

Color Contrast Check

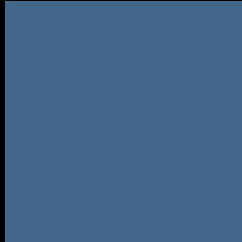
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.3400, 21.0314, -25.7312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

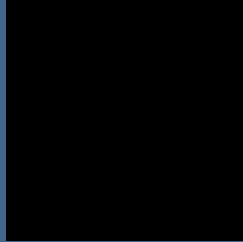
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

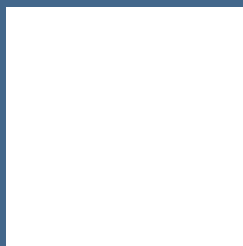
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 96.3400, 21.0314, -25.7312

Background



This preview shows how black text looks on a background with the YUV color 96.3400, 21.0314, -25.7312.



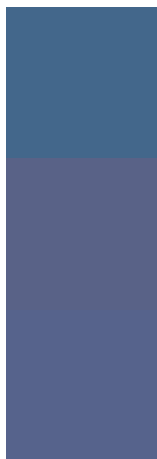
This preview shows how white text looks on a background with the YUV color 96.3400, 21.0314,

-25.7312.

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

96.3400, 21.0314, -25.7312

Protanopia

99.5270, 17.4882, -9.2322

Deuteranopia

99.7870, 19.8250, -12.0912



Tritanopia

93.6740, 11.0067, -30.4091

Trichromacy



Original Color

96.3400, 21.0314, -25.7312

Protanomaly

98.4230, 18.5255, -15.2800

Deuteranomaly

98.2810, 20.5675, -16.9094

Tritanomaly

94.8960, 14.3483, -28.8498

Monochromacy



Original Color

96.3400, 21.0314, -25.7312

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.2960, 7.7421, -9.9066

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.3400, 21.0314, -25.7312 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(67, 103, 139)` looks like.

```
.text, #text, p{  
    color:rgb(67, 103, 139)  
}
```

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(67, 103, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 103, 139) }
```

Border

The CSS property to change the border of an element to YUV 96.3400, 21.0314, -25.7312 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(67, 103, 139) }
```


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

```
.border{ border-color:rgb(67, 103, 139) }
```

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

Here you see how a box with a 4 pixel rgb(67, 103, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 103, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 103, 139);  
box-shadow:4px 4px 4px 4px rgb(67, 103,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 96.3400, 21.0314, -25.7312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 103, 139) }
```

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

```
.background{ background-color: rgb(67, 103,  
139) }
```

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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