

Converting Colors

YUV(97.7270, 17.3896,
-24.3166)

Have a look what the booklet for
YUV(97.7270, 17.3896, -24.3166)
contains.

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Color

**YUV(97.7270, 17.3896,
-24.3166)**

Conversions

Conversions Part 1

Format	Color
Hex	466985
RGB	70, 105, 133
RGB Percent	27%, 41%, 52%
CMY	0.7255, 0.5882, 0.4784
CMYK	0.47, 0.21, 0.00, 0.48
HSL	207°, 31%, 40%
HSV	207°, 47%, 52%
XYZ	11.8110, 13.0987, 24.0961
YIQ	97.7270, -29.8480, 1.2880

Conversions

Conversions Part 2

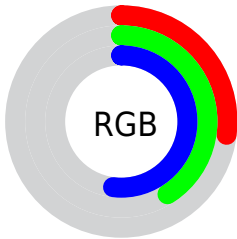
Format	Color
R_{YB}	70, 93, 133
Decimal	4614533
CIE _{Lab}	42.91, -4.42, -19.40
CIE _{LCh}	43, 19.900, 257.166
Yxy	13.0987, 0.2410, 0.2673
Android (android.graphics.Color)	4282804613 (0xFF466985)
YUV	97.7270, 17.3896, -24.3166
Hunter-Lab	36.1921, -5.0842, -14.1398

Details

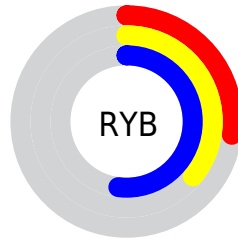
The YUV color **97.7270, 17.3896, -24.3166** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **105.2730, -17.3896, 24.3166**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.2540, 18.1158, -23.9018**, and **48.2920, 17.1110, -28.3201** is the 20% darker color. If you saturate the color by 10%, you get **90.3180, 21.0422, -29.2199**, and if you desaturate by 10%, it is **105.1360, 13.7370, -19.4133**.

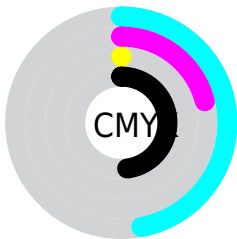
Distribution



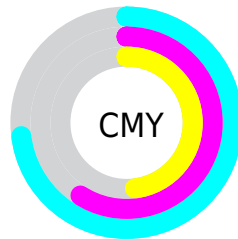
- Red (27%)
- Green (41%)
- Blue (52%)



- Red (27%)
- Yellow (36%)
- Blue (52%)



- Cyan (47%)
- Magenta (21%)
- Yellow (0%)
- Black (48%)



- Cyan (73%)
- Magenta (59%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.7270, 17.3896, -24.3166 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 97.7270, 17.3896, -24.3166 by changing the saturation by 10% instead.

■ 97.7270, 17.3896,
-24.3166

■ 97.7270, 17.3896,
-24.3166

■ 255.0000, 0.0000,
0.0000

■ 73.0150, 17.2476,
-25.4462

■ 149.2540, 18.1158,
-23.9018

■ 48.2920, 17.1110,
-28.3201

■ 176.0690, 18.7000,
-24.6165

■ 28.5590, 15.5004,
-25.0462

■ 204.0690, 18.7000,
-24.6165

■ 13.1370, 12.2575,
-11.5211

■ 230.3590, 12.1480,
-23.1168

■ 2.4110, 6.6994,
-2.1144

■ 248.1230, 3.3904,
-14.1399

■ 0.0000, 0.0000,
0.0000

■ 97.7270, 17.3896,
-24.3166

■ 97.7270, 17.3896,
-24.3166

■ 90.3180, 21.0422,
-29.2199

■ 105.1360, 13.7370,
-19.4133

■ 82.6100, 24.8423,
-34.7380

■ 112.8440, 9.9369,
-13.8952

■ 75.2010, 28.4949,
-39.6413

■ 120.2530, 6.2843,
-8.9919

■ 67.7920, 32.1475,
-44.5446

■ 127.6620, 2.6316,
-4.0886

■ 60.3830, 35.8002,
-49.4479

■ 135.3700, -1.1684,
1.4295


■ 58.6000, 36.6792,
-51.3922

■ 142.1920, -4.5317,
6.8476

■ 149.6010, -8.1843,
11.7509

■ 157.0100,

-11.8369, 16.6542

 164.7180,
-15.6370, 22.1723

Harmonies

Analogous

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



93.7810, 15.3910, -36.6419



97.7270, 17.3896, -24.3166



101.9680, 15.2988, -6.9879

Triad

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



97.7270, 17.3896, -24.3166



102.7970, -5.3229, 27.3650



97.8170, -9.2768, -11.2405

Complementary

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



97.7270, 17.3896, -24.3166



105.2730, -17.3896, 24.3166

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.



99.2380, -14.4143, 3.2993



97.7270, 17.3896, -24.3166



102.6520, -12.1534, 24.8612

Square

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



97.7270, 17.3896, -24.3166



103.8270, 2.5503, 22.0767



101.0870, -15.3259, 15.7097



94.9060, -0.9397, -25.3506

Rectangle

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



97.7270, 17.3896, -24.3166



103.5350, 12.0612, 4.7928



101.0870, -15.3259, 15.7097



97.9810, -11.3296, -6.1223

Sweetspot

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



97.7270, 17.3896, -24.3166



159.9540, 6.4317, -9.6067



110.0590, -6.4381, -35.1317



78.4060, 4.2368, -5.6181



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



97.7270, 17.3896, -24.3166



117.8700, 27.1791, -37.5970



79.5300, 26.3607, -8.3578



62.4450, 1.7526, -2.1443



57.0840, 35.9476, -50.0627



0.9290, 1.0210, -0.8147

Inverse Universe

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



92.8270, 6.0013, 35.2317



110.4580, 9.1412, 54.8493



123.4700, -26.3607, 8.3578



62.1360, 0.4260, 3.3887



47.0780, 12.2865, 72.7226



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 97.7270, 17.3896, -24.3166 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 97.7270, 17.3896, -24.3166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

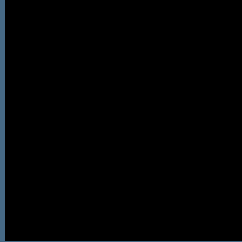
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.7270, 17.3896, -24.3166

Background



This preview shows how black text looks on a background with the YUV color 97.7270, 17.3896, -24.3166.

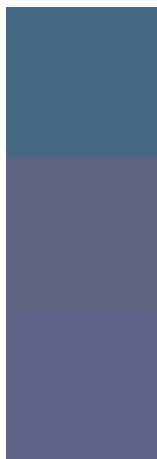


This preview shows how white text looks on a background with the YUV color 97.7270, 17.3896,

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

97.7270, 17.3896, -24.3166

Protanopia

101.2130, 13.6990, -7.2028

Deuteranopia

101.1960, 16.1724, -7.1879



Tritanopia

96.1690, 10.2697, -27.3352

Trichromacy



Original Color

97.7270, 17.3896, -24.3166

Protanomaly

100.1090, 14.7363, -13.2506

Deuteranomaly

99.9780, 16.7728, -13.1357

Tritanomaly

96.8640, 12.8850, -26.1907

Monochromacy



Original Color

97.7270, 17.3896, -24.3166

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.2530, 6.2843, -8.9919

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.7270, 17.3896, -24.3166 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(70, 105, 133)` looks like.

```
.text, #text, p{  
    color:rgb(70, 105, 133)  
}
```

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(70, 105, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 105, 133) }
```

Border

The CSS property to change the border of an element to YUV 97.7270, 17.3896, -24.3166 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(70, 105, 133) }
```


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

```
.border{ border-color:rgb(70, 105, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 105, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 105, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 105, 133);  
box-shadow:4px 4px 4px 4px rgb(70, 105,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 97.7270, 17.3896, -24.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 105, 133) }
```

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

```
.background{ background-color: rgb(70, 105,  
133) }
```

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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