

Converting Colors

YUV(95.1640, 24.5691,
-40.4858)

Have a look what the booklet for
YUV(95.1640, 24.5691, -40.4858)
contains.

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Color

**YUV(95.1640, 24.5691,
-40.4858)**

Conversions

Conversions Part 1

Format	Color
Hex	316D91
RGB	49, 109, 145
RGB Percent	19%, 43%, 57%
CMY	0.8078, 0.5725, 0.4314
CMYK	0.66, 0.25, 0.00, 0.43
HSL	202°, 49%, 38%
HSV	202°, 66%, 57%
XYZ	11.8461, 13.6346, 28.7954
YIQ	95.1640, -47.3160, -1.5240

Conversions

Conversions Part 2

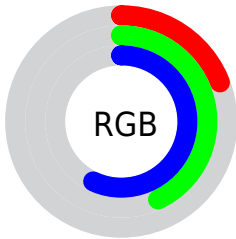
Format	Color
R_{YB}	49, 86, 145
Decimal	3239313
CIE _{Lab}	43.70, -7.59, -25.44
CIE _{LCh}	44, 26.546, 253.386
Yxy	13.6346, 0.2183, 0.2512
Android (android.graphics.Color)	4281429393 (0xFF316D91)
YUV	95.1640, 24.5691, -40.4858
Hunter-Lab	36.9250, -7.3534, -20.3889

Details

The YUV color **95.1640, 24.5691, -40.4858** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **98.8360, -24.5691, 40.4858**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.0010, 25.1425, -37.7119**, and **47.1100, 23.1168, -41.3155** is the 20% darker color. If you saturate the color by 10%, you get **87.7440, 28.2272, -47.1335**, and if you desaturate by 10%, it is **102.2850, 21.0585, -34.4529**.

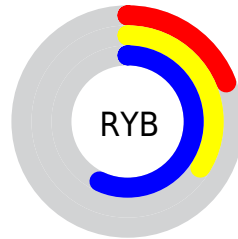
Distribution



Red (19%)

Green (43%)

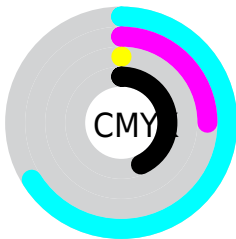
Blue (57%)



Red (19%)

Yellow (34%)

Blue (57%)

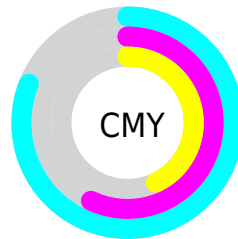


Cyan (66%)

Magenta (25%)

Yellow (0%)

Black (43%)



Cyan (81%)

Magenta (57%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.1640, 24.5691, -40.4858 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 95.1640, 24.5691, -40.4858 by changing the saturation by 10% instead.

■ 95.1640, 24.5691,
-40.4858

■ 95.1640, 24.5691,
-40.4858

■ 255.0000, 0.0000,
0.0000

■ 66.7500, 25.7592,
-48.8927

■ 148.0010, 25.1425,
-37.7119

■ 47.1100, 23.1168,
-41.3155

■ 175.4140, 25.4319,
-37.1971

■ 31.4600, 19.0002,
-27.5904

■ 203.4140, 25.4319,
-37.1971

■ 17.2120, 15.1785,
-15.0949

■ 228.2220, 13.2016,
-34.3977

■ 3.6650, 11.5042,
-3.2142

■ 243.9370, 5.4541,
-22.7467

■ 0.0000, 0.0000,
0.0000

■ 252.9070, 1.0318,

-4.3034

■ 95.1640, 24.5691,
-40.4858

■ 95.1640, 24.5691,
-40.4858

■ 87.7440, 28.2272,
-47.1335

■ 102.2850, 21.0585,
-34.4529

■ 80.0360, 32.0273,
-52.6516

■ 110.2920, 17.1110,
-28.3201

■ 72.6160, 35.6853,
-59.2992

■ 117.4130, 13.6004,
-22.2872

■ 69.9470, 37.0011,
-61.3435

■ 125.4200, 9.6529,
-16.1543

■ 132.8400, 5.9949,
-9.5067

■ 140.5480, 2.1948,
-3.9886

■ 147.9680, -1.4632,
2.6591

■ 155.6760, -5.2633,
8.1771

■ 162.7970, -8.7739,
14.2100

Harmonies

Analogous

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



83.5860, 24.3611, -67.1659



95.1640, 24.5691, -40.4858



102.5310, 21.4302, -13.6207

Triad

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



95.1640, 24.5691, -40.4858



104.8520, -5.3500, 36.0868



98.0680, -13.3445, -13.2146

Complementary

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



95.1640, 24.5691, -40.4858



98.8360, -24.5691, 40.4858

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.



100.7670, -20.0981, 6.3433



95.1640, 24.5691, -40.4858



103.7240, -14.6539, 33.5681

Square

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



95.1640, 24.5691, -40.4858



106.1420, 4.8600, 27.9395



102.7520, -20.5837, 22.1425



93.9220, -1.9335, -33.2576

Rectangle

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



95.1640, 24.5691, -40.4858



105.4900, 17.0134, 3.0783



102.7520, -20.5837, 22.1425



99.0150, -16.2764, -6.1522

Sweetspot

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



95.1640, 24.5691, -40.4858



169.4200, 9.6529, -16.1543



109.3420, -12.4936, -52.9199



82.7260, 5.5581, -9.4067



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



95.1640, 24.5691, -40.4858



111.5770, 38.1695, -62.7730



67.5750, 38.1705, -16.2903



67.7330, 1.6106, -3.2738



64.6980, 34.6589, -56.7401



3.8470, 2.0474, -3.3738

Inverse Universe

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



84.5440, 12.0568, 53.0199



95.1530, 18.6586, 82.3038



126.4250, -38.1705, 16.2903



66.6630, 1.1521, 3.8035



49.9410, 16.7911, 74.5967



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 95.1640, 24.5691, -40.4858 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 95.1640, 24.5691, -40.4858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

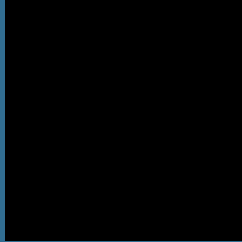
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.1640, 24.5691, -40.4858

Background



This preview shows how black text looks on a background with the YUV color 95.1640, 24.5691, -40.4858.

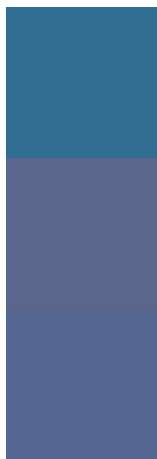


This preview shows how white text looks on a background with the YUV color 95.1640, 24.5691, -40.4858.

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

95.1640, 24.5691, -40.4858

Protanopia

102.6410, 17.9250, -9.3322

Deuteranopia

102.3460, 22.0144, -14.3354



Tritanopia

91.0030, 15.2815, -48.2376

Trichromacy



Original Color

95.1640, 24.5691, -40.4858

Protanomaly

99.8460, 20.2889, -20.9129

Deuteranomaly

100.1060, 22.6257, -23.7720

Tritanomaly

92.8230, 18.3283, -45.4488

Monochromacy



Original Color

95.1640, 24.5691, -40.4858

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9040, 8.9213, -14.8248

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.1640, 24.5691, -40.4858 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, 109, 145)` looks like.

```
.text, #text, p{  
    color:rgb(49, 109, 145)  
}
```

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, 109, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 109, 145) }
```

Border

The CSS property to change the border of an element to YUV 95.1640, 24.5691, -40.4858 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, 109, 145) }
```


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

```
.border{ border-color:rgb(49, 109, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 109, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 109, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 109, 145);  
box-shadow:4px 4px 4px 4px rgb(49, 109,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 95.1640, 24.5691, -40.4858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 109, 145) }
```

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

```
.background{ background-color: rgb(49, 109,  
145) }
```

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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