

Converting Colors

YUV(94.4090, 22.9694,
-40.7007)

Have a look what the booklet for
YUV(94.4090, 22.9694, -40.7007)
contains.

YUV(94.4090, 22.9694, -40.7007)	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(94.4090, 22.9694,
-40.7007)**

Conversions

Conversions Part 1

Format	Color
Hex	306D8D
RGB	48, 109, 141
RGB Percent	19%, 43%, 55%
CMY	0.8118, 0.5725, 0.4471
CMYK	0.66, 0.23, 0.00, 0.45
HSL	201°, 49%, 37%
HSV	201°, 66%, 55%
XYZ	11.4953, 13.4887, 27.1970
YIQ	94.4090, -46.6280, -2.9800

Conversions

Conversions Part 2

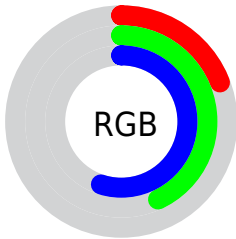
Format	Color
R_{YB}	48, 85, 141
Decimal	3173773
CIE _{Lab}	43.49, -9.16, -23.39
CIE _{LCh}	43, 25.115, 248.611
Yxy	13.4887, 0.2203, 0.2585
Android (android.graphics.Color)	4281363853 (0xFF306D8D)
YUV	94.4090, 22.9694, -40.7007
Hunter-Lab	36.7270, -8.4031, -18.1964

Details

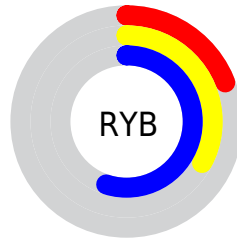
The YUV color **94.4090, 22.9694, -40.7007** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **94.5910, -22.9694, 40.7007**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.2460, 23.5427, -37.9267**, and **46.7680, 21.8064, -41.0155** is the 20% darker color. If you saturate the color by 10%, you get **87.2880, 26.4800, -46.7336**, and if you desaturate by 10%, it is **101.5300, 19.4587, -34.6678**.

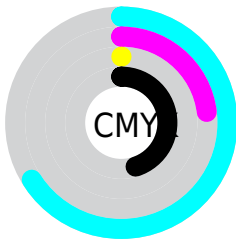
Distribution



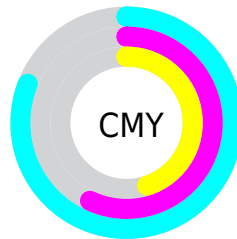
- Red (19%)
- Green (43%)
- Blue (55%)



- Red (19%)
- Yellow (33%)
- Blue (55%)



- Cyan (66%)
- Magenta (23%)
- Yellow (0%)
- Black (45%)



- Cyan (81%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.4090, 22.9694, -40.7007 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 94.4090, 22.9694, -40.7007 by changing the saturation by 10% instead.

■ 94.4090, 22.9694,
-40.7007

■ 94.4090, 22.9694,
-40.7007

■ 255.0000, 0.0000,
0.0000

■ 65.9950, 24.1595,
-49.1076

■ 147.2460, 23.5427,
-37.9267

■ 46.7680, 21.8064,
-41.0155

■ 174.6590, 23.8321,
-37.4119

■ 31.1180, 17.6898,
-27.2905

■ 202.3600, 23.9795,
-38.0267

■ 16.8700, 13.8681,
-14.7950

■ 228.5100, 13.0596,
-35.5273

■ 3.3230, 10.1938,
-2.9143

■ 243.6380, 5.6015,
-23.3615

■ 0.0000, 0.0000,
0.0000

■ 252.3090, 1.3267,

-5.5330

■ 94.4090, 22.9694,
-40.7007

■ 94.4090, 22.9694,
-40.7007

■ 87.2880, 26.4800,
-46.7336

■ 101.5300, 19.4587,
-34.6678

■ 80.1670, 29.9907,
-52.7665

■ 108.6510, 15.9481,
-28.6349

■ 73.0460, 33.5013,
-58.7993

■ 115.7720, 12.4374,
-22.6020

■ 70.0780, 34.9645,
-61.4584

■ 122.3060, 9.2161,
-16.0544

■ 129.7260, 5.5581,
-9.4067

■ 136.8470, 2.0474,
-3.3738

■ 143.9680, -1.4632,
2.6591

■ 151.0890, -4.9739,
8.6919

■ 158.2100, -8.4845,
14.7248

Harmonies

Analogous

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



87.2020, 20.1134, -58.0592



94.4090, 22.9694, -40.7007



101.6940, 20.8569, -16.3946

Triad

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



94.4090, 22.9694, -40.7007



104.8840, -3.8868, 33.4277



98.2750, -13.9396, -9.0112

Complementary

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



94.4090, 22.9694, -40.7007



94.5910, -22.9694, 40.7007

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.



100.6040, -19.5248, 9.1173



94.4090, 22.9694, -40.7007



103.8810, -12.7593, 32.5534

Square

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



94.4090, 22.9694, -40.7007



105.7610, 6.0338, 24.7656



102.2190, -18.8420, 23.4869



95.0860, -3.9864, -28.1394

Rectangle

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



94.4090, 22.9694, -40.7007



104.4680, 17.0243, -0.4104



102.2190, -18.8420, 23.4869



99.0370, -16.2872, -2.6634

Sweetspot

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



94.4090, 22.9694, -40.7007



165.3060, 9.2161, -16.0544



106.1250, -13.3726, -50.9756



80.7260, 5.5581, -9.4067



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.



94.4090, 22.9694, -40.7007



111.2950, 35.8436, -63.4027



67.9940, 35.9920, -17.5347



67.7330, 1.6106, -3.2738



67.6330, 33.2119, -59.3141



3.8470, 2.0474, -3.3738

Inverse Universe

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



82.7610, 12.9358, 51.0756



93.1850, 20.1218, 79.6448



121.5930, -36.2813, 17.0199



66.6630, 1.1521, 3.8035



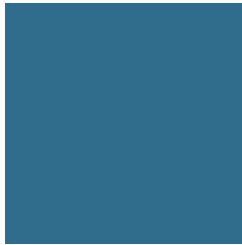
50.5110, 18.9751, 74.0969



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 94.4090, 22.9694, -40.7007 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 94.4090, 22.9694, -40.7007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

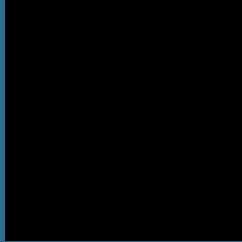
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.4090, 22.9694, -40.7007

Background



This preview shows how black text looks on a background with the YUV color 94.4090, 22.9694, -40.7007.

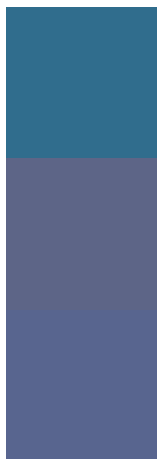


This preview shows how white text looks on a background with the YUV color 94.4090, 22.9694,

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

94.4090, 22.9694, -40.7007

Protanopia

102.4840, 16.0304, -8.3175

Deuteranopia

101.9010, 20.2618, -12.1912



Tritanopia

90.7150, 15.4235, -47.1081

Trichromacy



Original Color

94.4090, 22.9694, -40.7007

Protanomaly

99.6890, 18.3943, -19.8983

Deuteranomaly

99.0630, 21.1679, -22.8573

Tritanomaly

92.1220, 18.1809, -44.8340

Monochromacy



Original Color

94.4090, 22.9694, -40.7007

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.7900, 8.4845, -14.7248

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.4090, 22.9694, -40.7007 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(48, 109, 141)` looks like.

```
.text, #text, p{  
    color:rgb(48, 109, 141)  
}
```

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(48, 109, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 109, 141) }
```

Border

The CSS property to change the border of an element to YUV 94.4090, 22.9694, -40.7007 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(48, 109, 141) }
```


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

```
.border{ border-color:rgb(48, 109, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 109, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 109, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 109, 141);  
box-shadow:4px 4px 4px 4px rgb(48, 109,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 94.4090, 22.9694, -40.7007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 109, 141) }
```

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

```
.background{ background-color: rgb(48, 109,  
141) }
```

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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