

Converting Colors

YUV(94.1720, 22.5932,
-13.3058)

Have a look what the booklet for
YUV(94.1720, 22.5932, -13.3058)
contains.

YUV(94.1720, 22.5932, -13.3058)	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(94.1720, 22.5932,
-13.3058)**

Conversions

Conversions Part 1

Format	Color
Hex	4F5D8C
RGB	79, 93, 140
RGB Percent	31%, 36%, 55%
CMY	0.6902, 0.6353, 0.4510
CMYK	0.44, 0.34, 0.00, 0.45
HSL	226°, 28%, 43%
HSV	226°, 44%, 55%
XYZ	11.8724, 11.3844, 26.3826
YIQ	94.1720, -23.4310, 11.6490

Conversions

Conversions Part 2

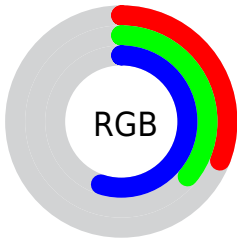
Format	Color
R_{YB}	79, 90, 140
Decimal	5201292
CIE _{Lab}	40.22, 7.61, -27.75
CIE _{LCh}	40, 28.778, 285.335
Yxy	11.3844, 0.2392, 0.2293
Android (android.graphics.Color)	4283391372 (0xFF4F5D8C)
YUV	94.1720, 22.5932, -13.3058
Hunter-Lab	33.7408, 3.7627, -22.7415

Details

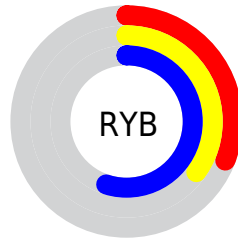
The YUV color **94.1720, 22.5932, -13.3058** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **124.8280, -22.5932, 13.3058**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.2260, 24.0456, -12.4762**, and **46.2210, 21.5830, -15.9798** is the 20% darker color. If you saturate the color by 10%, you get **83.5290, 27.8402, -16.2499**, and if you desaturate by 10%, it is **104.8150, 17.3462, -10.3618**.

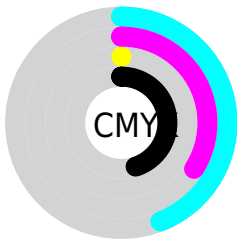
Distribution



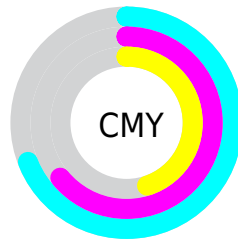
- Red (31%)
- Green (36%)
- Blue (55%)



- Red (31%)
- Yellow (35%)
- Blue (55%)



- Cyan (44%)
- Magenta (34%)
- Yellow (0%)
- Black (45%)



- Cyan (69%)
- Magenta (64%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.1720, 22.5932, -13.3058 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 94.1720, 22.5932, -13.3058 by changing the saturation by 10% instead.

■ 94.1720, 22.5932,
-13.3058

■ 94.1720, 22.5932,
-13.3058

■ 255.0000, 0.0000,
0.0000

■ 70.2320, 21.5776,
-14.2355

■ 145.2260, 24.0456,
-12.4762

■ 46.2210, 21.5830,
-15.9798

■ 172.3400, 24.4824,
-12.5762

■ 23.3730, 21.0151,
-20.4981

■ 199.4540, 24.9192,
-12.6762

■ 5.0160, 19.2191,
-4.3990

■ 224.8320, 14.8728,
-10.3767

■ 3.0950, 9.3202,
-2.7143

■ 249.9390, 2.4951,
-6.9625

■ 0.0000, 0.0000,
0.0000

■ 94.1720, 22.5932,
-13.3058

■ 94.1720, 22.5932,
-13.3058

■ 83.5290, 27.8402,
-16.2499

■ 104.8150, 17.3462,
-10.3618

■ 72.8860, 33.0872,
-19.1940

■ 115.4580, 12.0992,
-7.4177

■ 62.8300, 38.0448,
-22.6529

■ 125.5140, 7.1416,
-3.9588

■ 52.1870, 43.2918,
-25.5970

■ 136.1570, 1.8946,
-1.0147

■ 41.5440, 48.5388,
-28.5411

■ 146.8000, -3.3524,
1.9294


■ 34.7440, 51.8912,
-30.4705

■ 157.4430, -8.5994,
4.8735

■ 168.0860,
-13.8464, 7.8176

■ 178.1420,

-18.8040, 11.2765

 188.7850,
-24.0510, 14.2206

Harmonies

Analogous

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



84.2170, 27.5010, -47.5483



94.1720, 22.5932, -13.3058



97.3880, 15.0917, 12.8147

Triad

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



94.1720, 22.5932, -13.3058



94.9800, -16.2591, 35.0975



82.9320, -0.4595, -39.4054

Complementary

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



94.1720, 22.5932, -13.3058



124.8280, -22.5932, 13.3058

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.



88.6440, -13.6285, -15.4738



94.1720, 22.5932, -13.3058



93.4100, -21.8941, 22.4424

Square

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



94.1720, 22.5932, -13.3058



96.0480, -5.9397, 38.5459



91.7130, -21.5505, 5.5137



74.8930, 15.3358, -65.6812

Rectangle

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



94.1720, 22.5932, -13.3058



97.7550, 8.5018, 26.5249



91.7130, -21.5505, 5.5137



85.0210, -5.4334, -30.7134

Sweetspot

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



94.1720, 22.5932, -13.3058



163.5570, 8.5994, -4.8735



120.1650, 2.8767, -36.1017



80.4710, 5.6838, -3.0441



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.



94.1720, 22.5932, -13.3058



110.6300, 34.6924, -20.7235



90.7380, 24.2862, 3.7378



63.9720, 2.4788, -1.7294



32.7720, 49.4124, -28.7410



1.1570, 1.8946, -1.0147

Inverse Universe

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



98.8350, -2.8767, 36.1017



117.6140, -4.2467, 55.5895



128.2620, -24.2862, -3.7378



64.3210, -0.1583, 4.1035



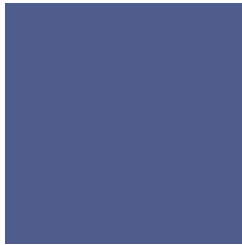
43.1870, -6.5012, 78.7660



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 94.1720, 22.5932, -13.3058 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 94.1720, 22.5932, -13.3058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

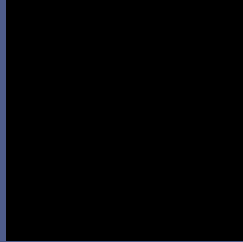
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

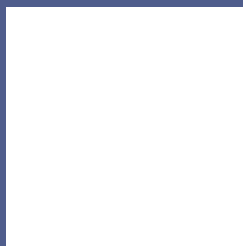
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 94.1720, 22.5932, -13.3058

Background



This preview shows how black text looks on a background with the YUV color 94.1720, 22.5932, -13.3058.

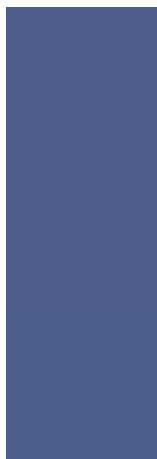


This preview shows how white text looks on a background with the YUV color 94.1720, 22.5932,

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

94.1720, 22.5932, -13.3058

Protanopia

94.1720, 22.5932, -13.3058

Deuteranopia

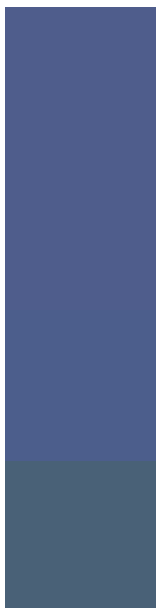
93.5630, 22.8934, -16.2798



Tritanopia

91.2410, 7.7692, -18.6284

Trichromacy



Original Color

94.1720, 22.5932, -13.3058

Protanomaly

94.1720, 22.5932, -13.3058

Deuteranomaly

93.8620, 22.7460, -15.6650

Tritanomaly

92.3320, 13.1473, -16.9542

Monochromacy



Original Color

94.1720, 22.5932, -13.3058

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.4430, 8.1626, -4.7735

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.1720, 22.5932, -13.3058 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(79, 93, 140)` looks like.

```
.text, #text, p{  
    color:rgb(79, 93, 140)  
}
```

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(79, 93, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 93, 140) }
```

Border

The CSS property to change the border of an element to YUV 94.1720, 22.5932, -13.3058 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(79, 93, 140) }
```


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

```
.border{ border-color:rgb(79, 93, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 93, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 93, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 93, 140);  
box-shadow:4px 4px 4px 4px rgb(79, 93,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 94.1720, 22.5932, -13.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 93, 140) }
```

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

```
.background{ background-color: rgb(79, 93,  
140) }
```

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