

# Converting Colors

YUV(94.0650, 14.7580,  
-20.2280)

Have a look what the booklet for  
YUV(94.0650, 14.7580, -20.2280)  
contains.

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# Color

**YUV(94.0650, 14.7580,  
-20.2280)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47647C
RGB	71, 100, 124
RGB Percent	28%, 39%, 49%
CMY	0.7216, 0.6078, 0.5137
CMYK	0.43, 0.19, 0.00, 0.51
HSL	207°, 27%, 38%
HSV	207°, 43%, 49%
XYZ	10.7938, 11.9092, 20.7986
YIQ	94.0650, -24.9880, 1.3160

# Conversions

## Conversions Part 2

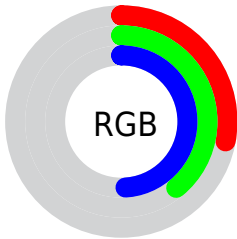
Format	Color
<b>R<sub>YB</sub></b>	71, 90, 124
Decimal	4678780
CIE Lab	41.07, -3.87, -16.78
CIE LCh	41, 17.224, 257.024
Yxy	11.9092, 0.2481, 0.2738
Android (android.graphics.Color)	4282868860 (0xFF47647C)
YUV	94.0650, 14.7580, -20.2280
Hunter-Lab	34.5097, -4.5614, -11.5766

# Details

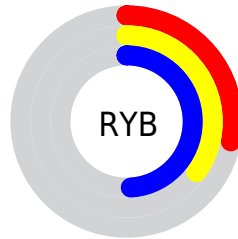
The YUV color **94.0650, 14.7580, -20.2280** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **100.9350, -14.7580, 20.2280**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.2930, 15.6316, -20.4280**, and **46.5270, 14.0372, -22.3872** is the 20% darker color. If you saturate the color by 10%, you get **86.9550, 18.2632, -24.5165**, and if you desaturate by 10%, it is **101.1750, 11.2527, -15.9395**.

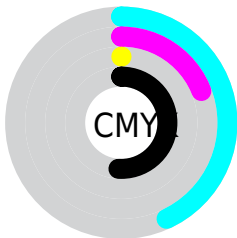
# Distribution



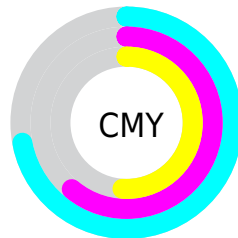
- Red (28%)
- Green (39%)
- Blue (49%)



- Red (28%)
- Yellow (35%)
- Blue (49%)



- Cyan (43%)
- Magenta (19%)
- Yellow (0%)
- Black (51%)



- Cyan (72%)
- Magenta (61%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 94.0650, 14.7580, -20.2280 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 94.0650, 14.7580, -20.2280 by changing the saturation by 10% instead.



■ 94.0650, 14.7580,  
-20.2280

■ 94.0650, 14.7580,  
-20.2280

■ 255.0000, 0.0000,  
0.0000

■ 69.6520, 14.4686,  
-20.7428

■ 145.2930, 15.6316,  
-20.4280

■ 46.5270, 14.0372,  
-22.3872

■ 171.4070, 16.0683,  
-20.5279

■ 24.7120, 13.4530,  
-21.6724

■ 199.1080, 16.2158,  
-21.1427

■ 8.8170, 10.9362,  
-7.7325

■ 226.5380, 14.0318,  
-20.6428

■ 0.3420, 1.3104,  
-0.2999

■ 248.1230, 3.3904,  
-14.1399

■ 0.0000, 0.0000,  
0.0000

■ 94.0650, 14.7580,  
-20.2280

■ 94.0650, 14.7580,  
-20.2280

■ 86.9550, 18.2632,  
-24.5165

■ 101.1750, 11.2527,  
-15.9395

■ 80.1330, 21.6264,  
-29.9346

■ 107.9970, 7.8895,  
-10.5214

■ 73.0230, 25.1317,  
-34.2232

■ 115.1070, 4.3842,  
-6.2328

■ 66.2010, 28.4949,  
-39.6413

■ 121.9290, 1.0210,  
-0.8147

■ 59.0910, 32.0001,  
-43.9298

■ 129.0390, -2.4842,  
3.4738


■ 54.0520, 34.4844,  
-47.4036

■ 136.1490, -5.9895,  
7.7623

■ 142.9710, -9.3527,  
13.1804

■ 150.0810,

-12.8579, 17.4690

 157.4900,  
-16.5106, 22.3723

# Harmonies

## Analogous

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



90.8420, 12.8959, -29.6794



94.0650, 14.7580, -20.2280



97.1100, 13.2568, -5.3585

# Triad

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



94.0650, 14.7580, -20.2280



98.8890, -4.8753, 23.7763



93.4690, -8.1192, -9.1813

# Complementary

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



94.0650, 14.7580, -20.2280



100.9350, -14.7580, 20.2280

# 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.



95.1070, -12.3778, 3.4142



94.0650, 14.7580, -20.2280



97.4990, -10.1060, 21.4874

# Square

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



94.0650, 14.7580, -20.2280



99.1040, 2.4137, 19.2028



96.9450, -13.2839, 14.0802



91.3410, -0.6611, -21.3471



# Rectangle

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



94.0650, 14.7580, -20.2280



98.3670, 10.1721, 4.0631



96.9450, -13.2839, 14.0802



94.0350, -9.8773, -5.2927

# Sweetspot

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



94.0650, 14.7580, -20.2280



148.8510, 5.9895, -7.7623



104.8470, -4.8546, -29.6838



74.5910, 3.6526, -4.9033



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

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



94.0650, 14.7580, -20.2280



114.7630, 22.7948, -31.3642



78.8030, 22.2821, -6.8432



57.4450, 1.7526, -2.1443



54.1660, 34.9212, -47.5036



109.7340, 70.1371, -96.2367



# Inverse Universe

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



90.1530, 4.8546, 29.6838



108.6480, 7.5685, 45.9127



116.1970, -22.2821, 6.8432



57.1360, 0.4260, 3.3887



45.1270, 11.2764, 70.0486



91.0800, 23.1316, 141.1268



# Previews

## White Background



This preview shows how the YUV color 94.0650, 14.7580, -20.2280 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 94.0650, 14.7580, -20.2280 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

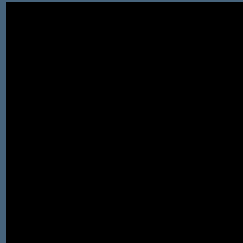
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

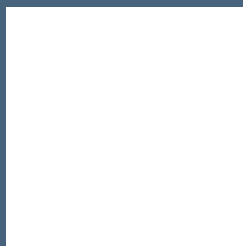
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 94.0650, 14.7580, -20.2280

## Background



This preview shows how black text looks on a background with the YUV color 94.0650, 14.7580, -20.2280.



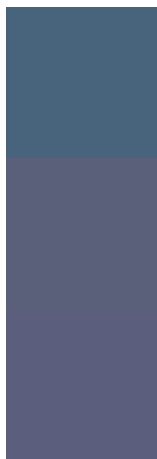
This preview shows how white text looks on a background with the YUV color 94.0650, 14.7580,

-20.2280.

# 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

94.0650, 14.7580, -20.2280

### Protanopia

97.0560, 11.8044, -6.1881

### Deuteranopia

97.2240, 13.6936, -5.4584



## Tritanopia

92.5610, 9.0904, -22.4170

# Trichromacy



## Original Color

94.0650, 14.7580, -20.2280

## Protanomaly

95.6640, 12.9836, -11.1063

## Deuteranomaly

96.3050, 14.1466, -10.7915

## Tritanomaly

92.8430, 11.4164, -21.7873

# Monochromacy



## Original Color

94.0650, 14.7580, -20.2280

## Achromatopsia

94.0000, 0.0000, 0.0000

## Achromatomaly

94.0360, 5.4053, -7.0476

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 94.0650, 14.7580, -20.2280 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(71, 100, 124)` looks like.

```
.text, #text, p{  
    color:rgb(71, 100, 124)  
}
```

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(71, 100, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 100, 124) }
```

## Border

The CSS property to change the border of an element to YUV 94.0650, 14.7580, -20.2280 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(71, 100, 124) }
```



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

```
.border{ border-color:rgb(71, 100, 124) }
```

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

Here you see how a box with a 4 pixel rgb(71, 100, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 100, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 100, 124);  
box-shadow:4px 4px 4px 4px rgb(71, 100,  
124) }
```

# Background

The CSS property to change the background color of an element to YUV 94.0650, 14.7580, -20.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 100, 124) }
```

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

```
.background{ background-color: rgb(71, 100,  
124) }
```

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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