

Converting Colors

YUV(94.1460, 18.6620,
-12.4060)

Have a look what the booklet for
YUV(94.1460, 18.6620, -12.4060)
contains.

YUV(94.1460, 18.6620, -12.4060)	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(94.1460, 18.6620,
-12.4060)**

Conversions

Conversions Part 1

Format	Color
Hex	505E84
RGB	80, 94, 132
RGB Percent	31%, 37%, 52%
CMY	0.6863, 0.6314, 0.4824
CMYK	0.39, 0.29, 0.00, 0.48
HSL	224°, 25%, 42%
HSV	224°, 39%, 52%
XYZ	11.4758, 11.3768, 23.4209
YIQ	94.1460, -20.5420, 8.8500

Conversions

Conversions Part 2

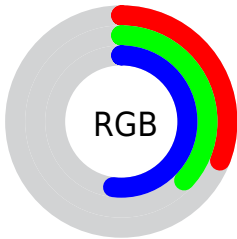
Format	Color
R _Y B	80, 91, 132
Decimal	5267076
CIE Lab	40.21, 4.85, -22.92
CIE LCh	40, 23.430, 281.947
Yxy	11.3768, 0.2480, 0.2459
Android (android.graphics.Color)	4283457156 (0xFF505E84)
YUV	94.1460, 18.6620, -12.4060
Hunter-Lab	33.7295, 1.7045, -17.5587

Details

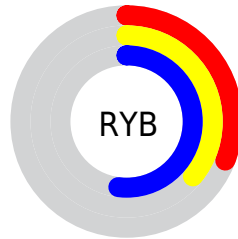
The YUV color **94.1460, 18.6620, -12.4060** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **117.8540, -18.6620, 12.4060**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.7870, 19.8250, -12.0912**, and **46.7930, 17.3571, -13.8505** is the 20% darker color. If you saturate the color by 10%, you get **84.3890, 23.4722, -15.2502**, and if you desaturate by 10%, it is **103.9030, 13.8518, -9.5619**.

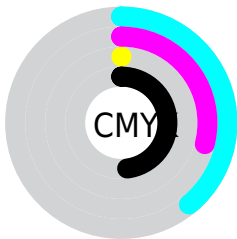
Distribution



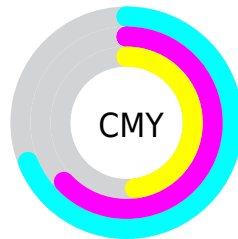
- Red (31%)
- Green (37%)
- Blue (52%)



- Red (31%)
- Yellow (36%)
- Blue (52%)



- Cyan (39%)
- Magenta (29%)
- Yellow (0%)
- Black (48%)



- Cyan (69%)
- Magenta (63%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.1460, 18.6620, -12.4060 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 94.1460, 18.6620, -12.4060 by changing the saturation by 10% instead.

■ 94.1460, 18.6620,
-12.4060

■ 94.1460, 18.6620,
-12.4060

■ 255.0000, 0.0000,
0.0000

■ 69.7330, 18.3726,
-12.9208

■ 144.7870, 19.8250,
-12.0912

■ 46.7930, 17.3571,
-13.8505

■ 171.9010, 20.2618,
-12.1912

■ 24.3580, 17.0785,
-17.8540

■ 199.0150, 20.6986,
-12.2912

■ 4.3320, 16.5983,
-3.7992

■ 225.4190, 14.5834,
-10.8915

■ 2.1830, 5.8258,
-1.9145

■ 251.1130, 1.9163,
-7.9921

■ 0.0000, 0.0000,
0.0000

■ 94.1460, 18.6620,
-12.4060

■ 94.1460, 18.6620,
-12.4060

■ 84.3890, 23.4722,
-15.2502

■ 103.9030, 13.8518,
-9.5619

■ 75.2190, 27.9930,
-18.6091

■ 113.0730, 9.3310,
-6.2030

■ 65.1630, 32.9506,
-22.0680

■ 123.1290, 4.3734,
-2.7441

■ 55.4060, 37.7608,
-24.9121

■ 132.8860, -0.4368,
0.1000

■ 46.2360, 42.2817,
-28.2710

■ 142.0560, -4.9576,
3.4589

■ 36.4790, 47.0919,
-31.1151

■ 151.8130, -9.7678,
6.3030

■ 36.1800, 47.2393,
-31.7299

■ 161.5700,
-14.5780, 9.1471

■ 171.0390,

-19.2462, 13.1208

■ 180.7960,
-24.0564, 15.9649

Harmonies

Analogous

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



87.9860, 21.2059, -35.0677



94.1460, 18.6620, -12.4060



97.0840, 12.7766, 8.6963

Triad

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



94.1460, 18.6620, -12.4060



95.2720, -12.4591, 29.5795



86.8410, -2.3866, -27.9246

Complementary

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



94.1460, 18.6620, -12.4060



117.8540, -18.6620, 12.4060

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.



90.4320, -12.0450, -10.0259



94.1460, 18.6620, -12.4060



94.8380, -17.6681, 20.3131

Square

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



94.1460, 18.6620, -12.4060



96.4600, -4.1708, 31.1686



92.7500, -17.6247, 6.3582



82.5320, 9.5977, -45.1936

Rectangle

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



94.1460, 18.6620, -12.4060



97.4830, 7.6499, 19.7474



92.7500, -17.6247, 6.3582



87.9620, -5.8973, -21.8917

Sweetspot

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



94.1460, 18.6620, -12.4060



155.9160, 7.4364, -5.1883



114.7420, 1.1132, -30.4687



78.1290, 4.3734, -2.7441



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.



94.1460, 18.6620, -12.4060



112.4470, 28.8666, -18.8090



89.2170, 21.0920, 1.5637



61.2710, 2.3314, -1.1147



35.3650, 46.6551, -31.0151



0.9290, 1.0210, -0.8147

Inverse Universe

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



97.1440, -1.5500, 30.5687



117.3140, -2.6198, 47.0826



122.7830, -21.0920, -1.5637



61.9080, -0.4476, 3.5887



42.8600, -3.8750, 76.4218



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 94.1460, 18.6620, -12.4060 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 94.1460, 18.6620, -12.4060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

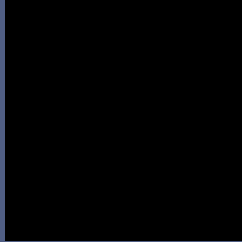
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

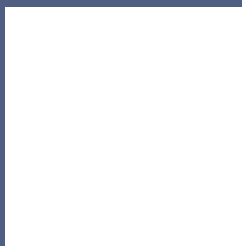
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 94.1460, 18.6620, -12.4060

Background



This preview shows how black text looks on a background with the YUV color 94.1460, 18.6620, -12.4060.



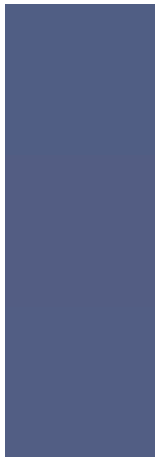
This preview shows how white text looks on a background with the YUV color 94.1460, 18.6620,

-12.4060.

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

94.1460, 18.6620, -12.4060

Protanopia

94.3420, 18.0724, -9.9469

Deuteranopia

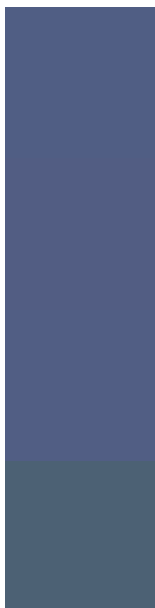
94.7440, 18.3672, -11.1765



Tritanopia

92.4370, 7.1796, -16.1692

Trichromacy



Original Color

94.1460, 18.6620, -12.4060

Protanomaly

94.0430, 18.2198, -10.5617

Deuteranomaly

94.4450, 18.5146, -11.7913

Tritanomaly

92.8870, 11.3947, -14.8099

Monochromacy



Original Color

94.1460, 18.6620, -12.4060

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1010, 6.8522, -4.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.1460, 18.6620, -12.4060 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(80, 94, 132)` looks like.

```
.text, #text, p{  
    color:rgb(80, 94, 132)  
}
```

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(80, 94, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 94, 132) }
```

Border

The CSS property to change the border of an element to YUV 94.1460, 18.6620, -12.4060 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(80, 94, 132) }
```


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

```
.border{ border-color:rgb(80, 94, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 94, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 94, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 94, 132);  
box-shadow:4px 4px 4px 4px rgb(80, 94,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 94.1460, 18.6620, -12.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 94, 132) }
```

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

```
.background{ background-color: rgb(80, 94,  
132) }
```

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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