

Converting Colors

YUV(94.1960, 12.7214,
-20.3429)

Have a look what the booklet for
YUV(94.1960, 12.7214, -20.3429)
contains.

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Color

**YUV(94.1960, 12.7214,
-20.3429)**

Conversions

Conversions Part 1

Format	Color
Hex	476578
RGB	71, 101, 120
RGB Percent	28%, 40%, 47%
CMY	0.7216, 0.6039, 0.5294
CMYK	0.41, 0.16, 0.00, 0.53
HSL	203°, 26%, 37%
HSV	203°, 41%, 47%
XYZ	10.6424, 12.0030, 19.5252
YIQ	94.1960, -23.9790, -0.4510

Conversions

Conversions Part 2

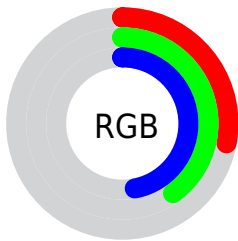
Format	Color
R_{YB}	71, 90, 120
Decimal	4679032
CIE _{Lab}	41.22, -5.65, -14.13
CIE _{LCh}	41, 15.214, 248.202
Yxy	12.0030, 0.2524, 0.2846
Android (android.graphics.Color)	4282869112 (0xFF476578)
YUV	94.1960, 12.7214, -20.3429
Hunter-Lab	34.6454, -5.7977, -9.1625

Details

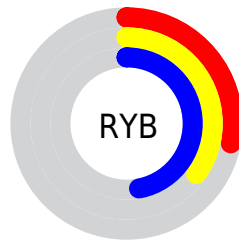
The YUV color **94.1960, 12.7214, -20.3429** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **96.8040, -12.7214, 20.3429**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.3100, 13.1582, -20.4429**, and **46.3700, 12.1426, -21.3725** is the 20% darker color. If you saturate the color by 10%, you get **87.6730, 15.9372, -25.1462**, and if you desaturate by 10%, it is **100.7190, 9.5055, -15.5396**.

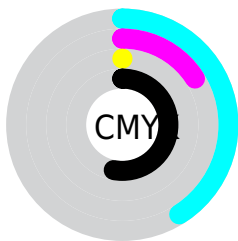
Distribution



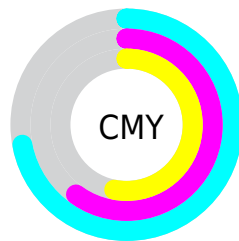
- Red (28%)
- Green (40%)
- Blue (47%)



- Red (28%)
- Yellow (35%)
- Blue (47%)



- Cyan (41%)
- Magenta (16%)
- Yellow (0%)
- Black (53%)



- Cyan (72%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.1960, 12.7214, -20.3429 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 94.1960, 12.7214, -20.3429 by changing the saturation by 10% instead.

■ 94.1960, 12.7214,
-20.3429

■ 94.1960, 12.7214,
-20.3429

■ 255.0000, 0.0000,
0.0000

■ 70.0820, 12.2846,
-20.2429

■ 145.3100, 13.1582,
-20.4429

■ 46.3700, 12.1426,
-21.3725

■ 172.1250, 13.7424,
-21.1576

■ 24.9570, 11.8532,
-21.8873

■ 199.2390, 14.1792,
-21.2576

■ 9.0620, 9.3364,
-7.9474

■ 227.1250, 13.7424,
-21.1576

■ 0.0000, 0.0000,
0.0000

■ 247.8240, 3.5378,
-14.7546

■ 94.1960, 12.7214,
-20.3429

■ 94.1960, 12.7214,
-20.3429

■ 87.6730, 15.9372,
-25.1462

■ 100.7190, 9.5055,
-15.5396

■ 81.7370, 18.8637,
-30.4643

■ 106.6550, 6.5791,
-10.2214

■ 75.2140, 22.0795,
-35.2677

■ 113.1780, 3.3632,
-5.4181

■ 68.6910, 25.2953,
-40.0710

■ 119.7010, 0.1474,
-0.6148

■ 62.7550, 28.2218,
-45.3891

■ 125.6370, -2.7790,
4.7034

■ 56.5310, 31.2902,
-49.5777

■ 132.1600, -5.9949,
9.5067

■ 138.6830, -9.2107,
14.3100

■ 144.6190,

-12.1372, 19.6281

■ 151.1420,
-15.3530, 24.4315

Harmonies

Analogous

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



92.3540, 9.6855, -26.6205



94.1960, 12.7214, -20.3429



96.8600, 12.3940, -8.6472

Triad

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



94.1960, 12.7214, -20.3429



98.8500, -2.3910, 20.3026



94.6760, -8.7143, -4.9779

Complementary

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



94.1960, 12.7214, -20.3429



96.8040, -12.7214, 20.3429

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.



96.0580, -11.3676, 6.0881



94.1960, 12.7214, -20.3429



98.6560, -8.2114, 20.4727

Square

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



94.1960, 12.7214, -20.3429



99.1250, 3.8824, 14.7994



97.4120, -11.5421, 15.4247



93.5050, -2.7140, -16.2289

Rectangle

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



94.1960, 12.7214, -20.3429



98.0460, 10.3303, -0.0403



97.4120, -11.5421, 15.4247



95.3560, -10.0355, -1.1892

Sweetspot

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



94.1960, 12.7214, -20.3429



145.6230, 5.1159, -7.5624



101.9290, -5.8810, -27.1247



73.3630, 2.7790, -4.7034



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



94.1960, 12.7214, -20.3429



115.3670, 20.0321, -31.8939



80.1080, 19.6668, -7.9877



58.0320, 1.4632, -2.6591



58.8620, 32.6060, -51.6220



119.7130, 65.2175, -104.9883

Inverse Universe

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



89.0710, 5.8810, 27.1247



107.3810, 9.1792, 42.6389



110.8920, -19.6668, 7.9877



57.2500, 0.8628, 3.2887



46.0390, 14.7708, 69.2488



93.0180, 30.5571, 139.4272

Previews

White Background



This preview shows how the YUV color 94.1960, 12.7214, -20.3429 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 94.1960, 12.7214, -20.3429 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

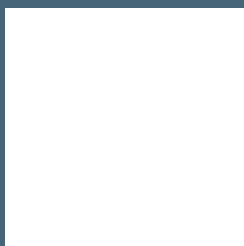
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 94.1960, 12.7214, -20.3429

Background



This preview shows how black text looks on a background with the YUV color 94.1960, 12.7214, -20.3429.

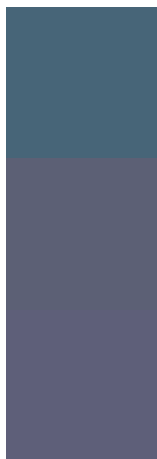


This preview shows how white text looks on a background with the YUV color 94.1960, 12.7214,

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

94.1960, 12.7214, -20.3429

Protanopia

97.1980, 9.7624, -4.5586

Deuteranopia

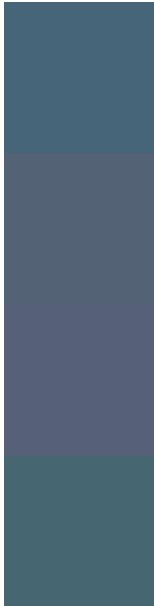
97.6650, 11.5042, -3.2142



Tritanopia

93.7460, 8.5062, -21.7022

Trichromacy



Original Color

94.1960, 12.7214, -20.3429

Protanomaly

96.0940, 10.7997, -10.6064

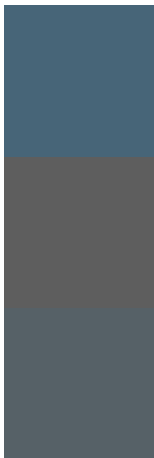
Deuteranomaly

96.4470, 12.1046, -9.1620

Tritanomaly

93.8000, 9.9586, -20.8726

Monochromacy



Original Color

94.1960, 12.7214, -20.3429

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.3950, 4.2423, -7.3624

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.1960, 12.7214, -20.3429 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, 101, 120)` looks like.

```
.text, #text, p{  
    color:rgb(71, 101, 120)  
}
```

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, 101, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 101, 120) }
```

Border

The CSS property to change the border of an element to YUV 94.1960, 12.7214, -20.3429 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, 101, 120) }
```


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

```
.border{ border-color:rgb(71, 101, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 101, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 101, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 101, 120);  
box-shadow:4px 4px 4px 4px rgb(71, 101,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 94.1960, 12.7214, -20.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 101, 120) }
```

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

```
.background{ background-color: rgb(71, 101,  
120) }
```

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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