

Converting Colors

YUV(93.9520, 12.8417,
-12.2359)

Have a look what the booklet for
YUV(93.9520, 12.8417, -12.2359)
contains.

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Color

**YUV(93.9520, 12.8417,
-12.2359)**

Conversions

Conversions Part 1

Format	Color
Hex	506078
RGB	80, 96, 120
RGB Percent	31%, 38%, 47%
CMY	0.6863, 0.6235, 0.5294
CMYK	0.33, 0.20, 0.00, 0.53
HSL	216°, 20%, 39%
HSV	216°, 33%, 47%
XYZ	10.8813, 11.4273, 19.4015
YIQ	93.9520, -17.2400, 4.0720

Conversions

Conversions Part 2

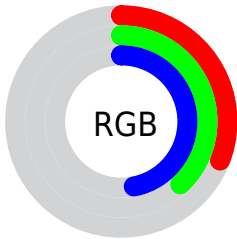
Format	Color
R_{YB}	80, 91, 120
Decimal	5267576
CIE _{Lab}	40.29, 0.15, -15.49
CIE _{LCh}	40, 15.491, 270.551
Yxy	11.4273, 0.2609, 0.2740
Android (android.graphics.Color)	4283457656 (0xFF506078)
YUV	93.9520, 12.8417, -12.2359
Hunter-Lab	33.8043, -1.6998, -10.3657

Details

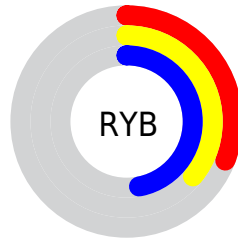
The YUV color **93.9520, 12.8417, -12.2359** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **106.0480, -12.8417, 12.2359**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.1800, 13.7153, -12.4359**, and **47.3110, 11.6787, -12.5507** is the 20% darker color. If you saturate the color by 10%, you get **86.2550, 16.6363, -16.0096**, and if you desaturate by 10%, it is **101.6490, 9.0470, -8.4622**.

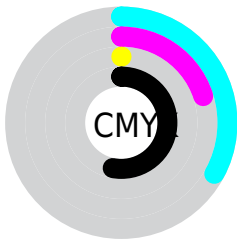
Distribution



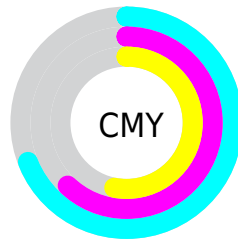
- Red (31%)
- Green (38%)
- Blue (47%)



- Red (31%)
- Yellow (36%)
- Blue (47%)



- Cyan (33%)
- Magenta (20%)
- Yellow (0%)
- Black (53%)



- Cyan (69%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.9520, 12.8417, -12.2359 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 93.9520, 12.8417, -12.2359 by changing the saturation by 10% instead.

■ 93.9520, 12.8417,
-12.2359

■ 93.9520, 12.8417,
-12.2359

■ 255.0000, 0.0000,
0.0000

■ 69.8380, 12.4049,
-12.1359

■ 144.1800, 13.7153,
-12.4359

■ 47.3110, 11.6787,
-12.5507

■ 171.2940, 14.1521,
-12.5358

■ 25.3000, 11.6841,
-14.2951

■ 198.4080, 14.5889,
-12.6358

■ 4.3660, 11.6516,
-3.8290

■ 226.2940, 14.1521,
-12.5358

■ 0.0000, 0.0000,
0.0000

■ 250.5150, 2.2111,
-9.2217

■ 93.9520, 12.8417,
-12.2359

■ 93.9520, 12.8417,
-12.2359

■ 86.2550, 16.6363,
-16.0096

■ 101.6490, 9.0470,
-8.4622

■ 78.5580, 20.4309,
-19.7834

■ 109.3460, 5.2524,
-4.6884

■ 70.2740, 24.5149,
-23.0423

■ 117.6300, 1.1684,
-1.4295

■ 62.5770, 28.3095,
-26.8160

■ 125.3270, -2.6262,
2.3442

■ 54.8800, 32.1042,
-30.5898

■ 133.0240, -6.4208,
6.1180

■ 47.1830, 35.8988,
-34.3635

■ 140.7210,
-10.2155, 9.8917

■ 41.8560, 38.5250,
-36.7077

■ 148.4180,
-14.0101, 13.6654

■ 156.7020,

-18.0941, 16.9243

■ 164.3990,
-21.8887, 20.6981

Harmonies

Analogous

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



91.4730, 12.5848, -23.2168



93.9520, 12.8417, -12.2359



96.3450, 10.1829, 0.5744

Triad

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



93.9520, 12.8417, -12.2359



96.4110, -6.6116, 20.6876



91.3590, -4.6140, -13.4698

Complementary

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



93.9520, 12.8417, -12.2359



106.0480, -12.8417, 12.2359

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.



92.7580, -9.7407, -2.4188



93.9520, 12.8417, -12.2359



95.5370, -11.1107, 17.0691

Square

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



93.9520, 12.8417, -12.2359



97.1920, -1.0807, 20.0026



94.2540, -11.9572, 8.5472



89.8400, 2.5439, -22.6617

Rectangle

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



93.9520, 12.8417, -12.2359



96.8900, 6.9562, 8.8665



94.2540, -11.9572, 8.5472



91.9250, -6.3720, -9.5812

Sweetspot

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



93.9520, 12.8417, -12.2359



145.3460, 5.2524, -4.6884



106.2160, -1.0925, -22.9914



72.7870, 3.0630, -2.4442



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.



93.9520, 12.8417, -12.2359



114.8570, 20.2835, -19.1686



85.7560, 16.8823, -1.5400



57.4450, 1.7526, -2.1443



43.6000, 40.1302, -38.2372



88.0150, 80.8446, -77.1892

Inverse Universe

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



93.7840, 1.0925, 22.9914



114.6870, 1.6333, 36.2315



114.2440, -16.8823, 1.5400



57.1360, 0.4260, 3.3887



43.0750, 3.4140, 71.8482



86.8620, 6.9700, 144.8260

Previews

White Background



This preview shows how the YUV color 93.9520, 12.8417, -12.2359 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 93.9520, 12.8417, -12.2359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

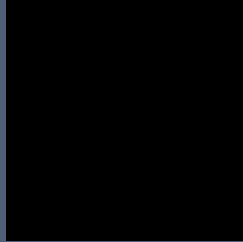
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

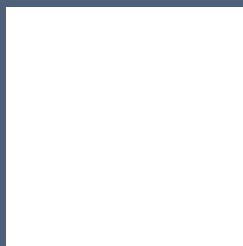
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 93.9520, 12.8417, -12.2359

Background



This preview shows how black text looks on a background with the YUV color 93.9520, 12.8417, -12.2359.



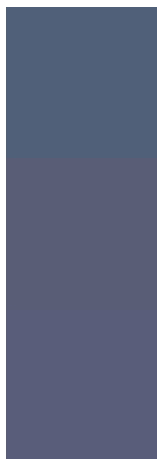
This preview shows how white text looks on a background with the YUV color 93.9520, 12.8417,

-12.2359.

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

93.9520, 12.8417, -12.2359

Protanopia

95.2410, 11.2202, -5.4734

Deuteranopia

95.2950, 12.6726, -4.6437



Tritanopia

92.6330, 6.5899, -13.7101

Trichromacy



Original Color

93.9520, 12.8417, -12.2359

Protanomaly

95.0450, 11.8098, -7.9325

Deuteranomaly

94.6860, 12.9728, -7.6176

Tritanomaly

92.9150, 8.9159, -13.0805

Monochromacy



Original Color

93.9520, 12.8417, -12.2359

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1180, 4.3788, -4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.9520, 12.8417, -12.2359 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, 96, 120)` looks like.

```
.text, #text, p{  
    color:rgb(80, 96, 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(80, 96, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 96, 120) }
```

Border

The CSS property to change the border of an element to YUV 93.9520, 12.8417, -12.2359 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, 96, 120) }
```


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

```
.border{ border-color:rgb(80, 96, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 96, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 96, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 96, 120);  
box-shadow:4px 4px 4px 4px rgb(80, 96,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 93.9520, 12.8417, -12.2359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 96, 120) }
```

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

```
.background{ background-color: rgb(80, 96,  
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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