

Converting Colors

YUV(100.7830, 12.4320,
-20.8577)

Have a look what the booklet for
YUV(100.7830, 12.4320, -20.8577)
contains.

YUV(100.7830, 12.4320, -20.8577)	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(100.7830, 12.4320,
-20.8577)**

Conversions

Conversions Part 1

Format	Color
Hex	4D6C7E
RGB	77, 108, 126
RGB Percent	30%, 42%, 49%
CMY	0.6980, 0.5765, 0.5059
CMYK	0.39, 0.14, 0.00, 0.51
HSL	202°, 24%, 40%
HSV	202°, 39%, 49%
XYZ	12.1890, 13.8093, 21.7617
YIQ	100.7830, -24.2540, -0.9740

Conversions

Conversions Part 2

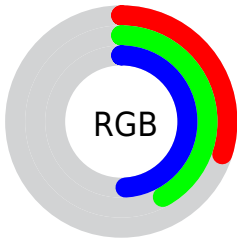
Format	Color
RYB	77, 96, 126
Decimal	5074046
CIELab	43.96, -6.30, -13.56
CIElCh	44, 14.949, 245.086
Yxy	13.8093, 0.2552, 0.2891
Android (android.graphics.Color)	4283264126 (0xFF4D6C7E)
YUV	100.7830, 12.4320, -20.8577
Hunter-Lab	37.1608, -6.4821, -8.7082

Details

The YUV color **100.7830, 12.4320, -20.8577** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **102.2170, -12.4320, 20.8577**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0110, 13.3056, -21.0576**, and **52.9570, 11.8532, -21.8873** is the 20% darker color. If you saturate the color by 10%, you get **93.9610, 15.7952, -26.2758**, and if you desaturate by 10%, it is **107.6050, 9.0687, -15.4396**.

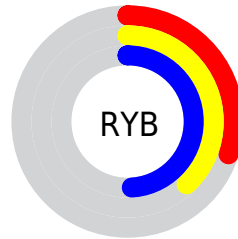
Distribution



Red (30%)

Green (42%)

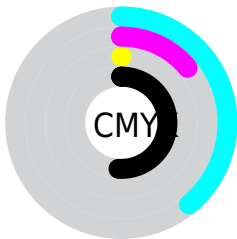
Blue (49%)



Red (30%)

Yellow (38%)

Blue (49%)

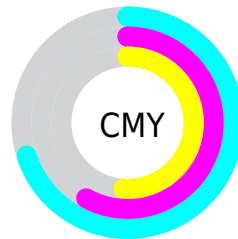


Cyan (39%)

Magenta (14%)

Yellow (0%)

Black (51%)



Cyan (70%)

Magenta (58%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.7830, 12.4320, -20.8577 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 100.7830, 12.4320, -20.8577 by changing the saturation by 10% instead.

■ 100.7830, 12.4320,
-20.8577

■ 100.7830, 12.4320,
-20.8577

■ 255.0000, 0.0000,
0.0000

■ 76.6690, 11.9952,
-20.7577

■ 152.0110, 13.3056,
-21.0576

■ 52.9570, 11.8532,
-21.8873

■ 178.7120, 13.4530,
-21.6724

■ 29.3480, 12.1534,
-24.8612

■ 206.7120, 13.4530,
-21.6724

■ 14.9150, 8.9159,
-13.0805

■ 233.9140, 10.3954,
-20.9726

■ 0.9120, 3.4944,
-0.7998

■ 249.9170, 2.5059,
-10.4512

■ 0.0000, 0.0000,
0.0000

■ 100.7830, 12.4320,
-20.8577

■ 100.7830, 12.4320,
-20.8577

■ 93.9610, 15.7952,
-26.2758

■ 107.6050, 9.0687,
-15.4396

■ 88.0250, 18.7217,
-31.5939

■ 113.5410, 6.1423,
-10.1215

■ 81.2030, 22.0849,
-37.0120

■ 120.3630, 2.7790,
-4.7034

■ 74.6800, 25.3008,
-41.8154

■ 126.8860, -0.4368,
0.1000

■ 68.4450, 28.3746,
-47.7483

■ 133.1210, -3.5107,
6.0329

■ 61.6230, 31.7379,
-53.1664

■ 139.9430, -6.8739,
11.4510

■ 61.3240, 31.8853,
-53.7811

■ 145.8790, -9.8003,
16.7691

■ 152.7010,

-13.1636, 22.1872

 159.2240,
-16.3794, 26.9906

Harmonies

Analogous

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



98.6530, 9.5381, -26.0057



100.7830, 12.4320, -20.8577



103.1480, 12.2520, -9.7768

Triad

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



100.7830, 12.4320, -20.8577



105.9640, -1.9543, 20.2026



101.2740, -9.0091, -3.7483

Complementary

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



100.7830, 12.4320, -20.8577



102.2170, -12.4320, 20.8577

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.



103.2430, -11.9518, 6.8029



100.7830, 12.4320, -20.8577



105.1830, -7.4852, 20.8875

Square

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



100.7830, 12.4320, -20.8577



105.9400, 4.4666, 14.0846



104.5260, -11.1053, 15.3247



99.9890, -3.4456, -14.8994

Rectangle

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



100.7830, 12.4320, -20.8577



104.4480, 10.6251, -1.2699



104.5260, -11.1053, 15.3247



101.9540, -10.3303, 0.0403

Sweetspot

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



100.7830, 12.4320, -20.8577



153.2100, 4.8265, -8.0772



107.8150, -6.3178, -27.0248



75.4770, 3.2158, -4.8033



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.



100.7830, 12.4320, -20.8577



123.5410, 19.4533, -32.9235



86.6950, 19.3774, -8.5025



60.1460, 1.9000, -2.7590



62.1390, 32.4695, -54.4959



0.0000, 0.0000, 0.0000

Inverse Universe

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



95.1850, 6.3178, 27.0248



114.6090, 10.0528, 42.4389



116.3050, -19.3774, 8.5025



59.5490, 0.7153, 3.9035



47.5060, 16.5125, 70.5932



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 100.7830, 12.4320, -20.8577 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 100.7830, 12.4320, -20.8577 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 100.7830, 12.4320, -20.8577

Background



This preview shows how black text looks on a background with the YUV color 100.7830, 12.4320, -20.8577.



This preview shows how white text looks on a background with the YUV color 100.7830, 12.4320,

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

100.7830, 12.4320, -20.8577

Protanopia

104.2690, 8.7414, -3.7439

Deuteranopia

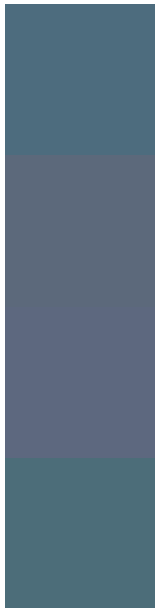
104.2630, 11.2093, -1.9847



Tritanopia

99.8600, 8.9430, -21.8022

Trichromacy



Original Color

100.7830, 12.4320, -20.8577

Protanomaly

103.1650, 9.7787, -9.7917

Deuteranomaly

103.3330, 11.6678, -9.0620

Tritanomaly

100.5010, 10.1060, -21.4874

Monochromacy



Original Color

100.7830, 12.4320, -20.8577

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.0960, 4.3897, -7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.7830, 12.4320, -20.8577 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(77, 108, 126)` looks like.

```
.text, #text, p{  
    color:rgb(77, 108, 126)  
}
```

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(77, 108, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 108, 126) }
```

Border

The CSS property to change the border of an element to YUV 100.7830, 12.4320, -20.8577 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(77, 108, 126) }
```


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

```
.border{ border-color:rgb(77, 108, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 108, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 108, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 108, 126);  
box-shadow:4px 4px 4px 4px rgb(77, 108,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 100.7830, 12.4320, -20.8577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 108, 126) }
```

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

```
.background{ background-color: rgb(77, 108,  
126) }
```

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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