

Converting Colors

YUV(102.8710, 8.9376,
-20.0579)

Have a look what the booklet for
YUV(102.8710, 8.9376, -20.0579)
contains.

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Color

**YUV(102.8710, 8.9376,
-20.0579)**

Conversions

Conversions Part 1

Format	Color
Hex	506F79
RGB	80, 111, 121
RGB Percent	31%, 44%, 47%
CMY	0.6863, 0.5647, 0.5255
CMYK	0.34, 0.08, 0.00, 0.53
HSL	195°, 20%, 39%
HSV	195°, 34%, 47%
XYZ	12.4439, 14.4548, 20.2234
YIQ	102.8710, -21.6860, -3.4620

Conversions

Conversions Part 2

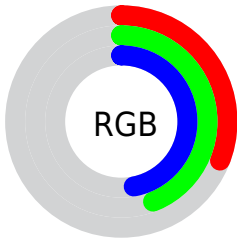
Format	Color
R_{YB}	80, 98, 121
Decimal	5271417
CIE _{Lab}	44.88, -8.52, -9.15
CIE _{LCh}	45, 12.500, 227.044
Yxy	14.4548, 0.2641, 0.3068
Android (android.graphics.Color)	4283461497 (0xFF506F79)
YUV	102.8710, 8.9376, -20.0579
Hunter-Lab	38.0195, -8.1106, -4.9239

Details

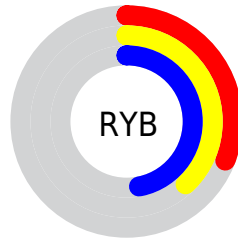
The YUV color **102.8710, 8.9376, -20.0579** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **98.1290, -8.9376, 20.0579**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.5720, 9.0850, -20.6726**, and **54.7570, 8.5008, -19.9579** is the 20% darker color. If you saturate the color by 10%, you get **97.5220, 11.5747, -25.8908**, and if you desaturate by 10%, it is **108.2200, 6.3005, -14.2249**.

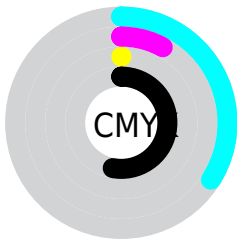
Distribution



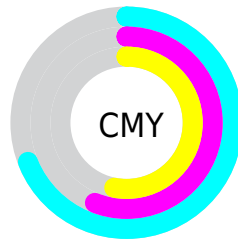
- Red (31%)
- Green (44%)
- Blue (47%)



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



- Cyan (34%)
- Magenta (8%)
- Yellow (0%)
- Black (53%)



- Cyan (69%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.8710, 8.9376, -20.0579 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 102.8710, 8.9376, -20.0579 by changing the saturation by 10% instead.

■ 102.8710, 8.9376,
-20.0579

■ 102.8710, 8.9376,
-20.0579

■ 255.0000, 0.0000,
0.0000

■ 78.7570, 8.5008,
-19.9579

■ 154.5720, 9.0850,
-20.6726

■ 54.7570, 8.5008,
-19.9579

■ 181.3870, 9.6692,
-21.3874

■ 31.8600, 8.9430,
-21.8022

■ 209.0880, 9.8166,
-22.0022

■ 15.6330, 6.5899,
-13.7101

■ 236.8600, 8.9430,
-21.8022

■ 0.1140, 0.4368,
-0.1000

■ 250.8140, 2.0637,
-8.6069

■ 0.0000, 0.0000,
0.0000

■ 102.8710, 8.9376,
-20.0579

■ 102.8710, 8.9376,
-20.0579

■ 97.5220, 11.5747,
-25.8908

■ 108.2200, 6.3005,
-14.2249

■ 92.1730, 14.2117,
-31.7237

■ 113.5690, 3.6635,
-8.3920

■ 86.8240, 16.8488,
-37.5566

■ 118.9180, 1.0264,
-2.5591

■ 81.4750, 19.4858,
-43.3896

■ 124.2670, -1.6106,
3.2738

■ 75.8270, 22.2703,
-49.8373

■ 129.6160, -4.2477,
9.1068

■ 70.4780, 24.9073,
-55.6702


■ 135.2640, -7.0322,
15.5545

■ 67.2110, 26.5180,
-58.9440

■ 140.6130, -9.6692,
21.3874

■ 145.9620,

-12.3063, 27.2203

 151.3110,
-14.9433, 33.0533

Harmonies

Analogous

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



102.1330, 4.8644, -20.2876



102.8710, 8.9376, -20.0579



104.3710, 10.6631, -13.4804

Triad

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



102.8710, 8.9376, -20.0579



107.8430, 1.5564, 14.1697



104.9050, -9.3202, 2.7143

Complementary

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



102.8710, 8.9376, -20.0579



98.1290, -8.9376, 20.0579

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.



106.4330, -10.0735, 11.0213



102.8710, 8.9376, -20.0579



107.8990, -3.4012, 17.6286

Square

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



102.8710, 8.9376, -20.0579



107.9390, 5.9461, 6.1925



107.3350, -8.0532, 16.3692



103.7620, -5.7987, -6.8073

Rectangle

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



102.8710, 8.9376, -20.0579



106.0020, 10.3520, -7.0178



107.3350, -8.0532, 16.3692



105.5140, -9.6204, 5.6882

Sweetspot

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



102.8710, 8.9376, -20.0579



150.8680, 3.5161, -7.7772



105.2070, -7.4971, -22.1065



75.1350, 1.9054, -4.5034



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.



102.8710, 8.9376, -20.0579



129.1730, 14.2117, -31.7237



91.1310, 14.7254, -9.7619



58.6190, 1.1738, -3.1739



69.4280, 27.3970, -60.8884



140.8450, 54.7994, -123.5211

Inverse Universe

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



95.7930, 7.4971, 22.1065



118.0210, 11.8216, 35.0616



109.8690, -14.7254, 9.7619



57.3640, 1.2995, 3.1888



48.0910, 22.6331, 67.4492



97.1220, 46.2819, 135.8280

Previews

White Background



This preview shows how the YUV color 102.8710, 8.9376, -20.0579 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 102.8710, 8.9376, -20.0579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

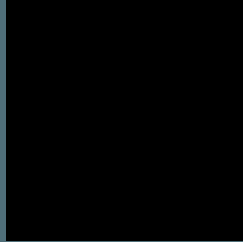
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.8710, 8.9376, -20.0579

Background



This preview shows how black text looks on a background with the YUV color 102.8710, 8.9376, -20.0579.



This preview shows how white text looks on a background with the YUV color 102.8710, 8.9376,

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

102.8710, 8.9376, -20.0579

Protanopia

106.0690, 5.3890, -1.8145

Deuteranopia

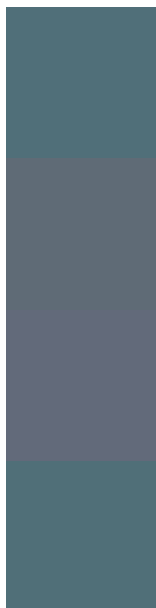
106.7750, 7.9989, 1.0743



Tritanopia

102.7570, 8.5008, -19.9579

Trichromacy



Original Color

102.8710, 8.9376, -20.0579

Protanomaly

104.6660, 6.5737, -8.4771

Deuteranomaly

105.4320, 8.1680, -6.5179

Tritanomaly

102.7570, 8.5008, -19.9579

Monochromacy



Original Color

102.8710, 8.9376, -20.0579

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.1670, 3.3687, -7.1625

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.8710, 8.9376, -20.0579 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, 111, 121)` looks like.

```
.text, #text, p{  
    color:rgb(80, 111, 121)  
}
```

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, 111, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 111, 121) }
```

Border

The CSS property to change the border of an element to YUV 102.8710, 8.9376, -20.0579 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, 111, 121) }
```


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

```
.border{ border-color:rgb(80, 111, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 111, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 111, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 111, 121);  
box-shadow:4px 4px 4px 4px rgb(80, 111,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 102.8710, 8.9376, -20.0579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 111, 121) }
```

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

```
.background{ background-color: rgb(80, 111,  
121) }
```

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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