

Converting Colors

YUV(80.8920, 10.4062,
-24.4613)

Have a look what the booklet for
YUV(80.8920, 10.4062, -24.4613)
contains.

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Color

**YUV(80.8920, 10.4062,
-24.4613)**

Conversions

Conversions Part 1

Format	Color
Hex	355B66
RGB	53, 91, 102
RGB Percent	21%, 36%, 40%
CMY	0.7922, 0.6431, 0.6000
CMYK	0.48, 0.11, 0.00, 0.60
HSL	193°, 32%, 30%
HSV	193°, 48%, 40%
XYZ	7.6076, 9.1984, 13.9449
YIQ	80.8920, -26.1790, -4.6350

Conversions

Conversions Part 2

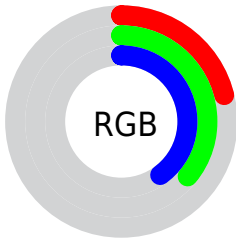
Format	Color
RYB	53, 74, 102
Decimal	3496806
CIELab	36.36, -10.23, -10.53
CIElCh	36, 14.678, 225.844
Yxy	9.1984, 0.2474, 0.2991
Android (android.graphics.Color)	4281686886 (0xFF355B66)
YUV	80.8920, 10.4062, -24.4613
Hunter-Lab	30.3288, -8.3012, -6.0308




Details

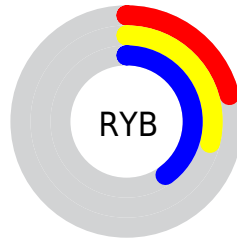
The YUV color $80.8920, 10.4062, -24.4613$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $74.1080, -10.4062, 24.4613$, and the grayscale version is $81.0000, 0.0000, 0.0000$.




A 20% lighter version of the original color is $131.0060, 10.8430, -24.5613$, and $32.6850, 11.0013, -28.6647$ is the 20% darker color. If you saturate the color by 10%, you get $76.7280, 12.4591, -29.5795$, and if you desaturate by 10%, it is $85.0560, 8.3534, -19.3431$.

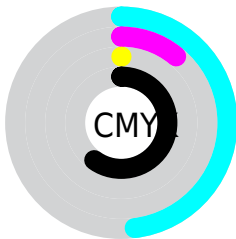
Distribution







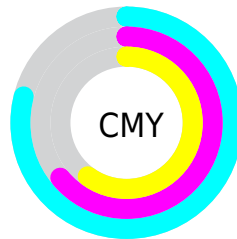
-  Red (21%)
-  Green (36%)
-  Blue (40%)






-  Red (21%)
-  Yellow (29%)
-  Blue (40%)



-  Cyan (48%)
-  Magenta (11%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (79%)
-  Magenta (64%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.8920, 10.4062, -24.4613 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 80.8920, 10.4062, -24.4613 by changing the saturation by 10% instead.

80.8920, 10.4062,
-24.4613

80.8920, 10.4062,
-24.4613

255.0000, 0.0000,
0.0000

56.5930, 10.5537,
-25.0761

131.0060, 10.8430,
-24.5613

32.6850, 11.0013,
-28.6647

157.7070, 10.9904,
-25.1760

18.5510, 7.6164,
-16.2692

184.4080, 11.1379,
-25.7908

1.1400, 4.3680,
-0.9998

212.4080, 11.1379,
-25.7908

0.0000, 0.0000,
0.0000

239.4960, 7.6435,
-24.9910

250.5150, 2.2111,

-9.2217

■ 80.8920, 10.4062,
-24.4613

■ 80.8920, 10.4062,
-24.4613

■ 76.7280, 12.4591,
-29.5795

■ 85.0560, 8.3534,
-19.3431

■ 71.9770, 14.8013,
-34.1828

■ 89.8070, 6.0111,
-14.7397

■ 67.5140, 17.0016,
-39.9158

■ 94.2700, 3.8109,
-9.0068

■ 63.3500, 19.0544,
-45.0340

■ 98.4340, 1.7580,
-3.8886

■ 59.1860, 21.1073,
-50.1521

■ 102.5980, -0.2948,
1.2296

■ 58.0010, 21.6915,
-50.8669

■ 107.3490, -2.6371,
5.8329

■ 111.5130, -4.6899,
10.9511

■ 115.9760, -6.8902,
16.6840

■ 120.7270, -9.2324,
21.2874

Harmonies

Analogous

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



80.3390, 5.7489, -23.9763



80.8920, 10.4062, -24.4613



83.1040, 12.2737, -16.7542

Triad

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



80.8920, 10.4062, -24.4613



87.9680, 1.9878, 15.8141



84.5630, -10.6306, 3.0142

Complementary

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



80.8920, 10.4062, -24.4613



74.1080, -10.4062, 24.4613

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.



85.5040, -11.0945, 11.8360



80.8920, 10.4062, -24.4613



87.2090, -3.5540, 19.9877

Square

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



80.8920, 10.4062, -24.4613



86.9930, 7.3985, 7.0221



86.2320, -8.4954, 18.2135



82.8220, -6.8142, -7.7369

Rectangle

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



80.8920, 10.4062, -24.4613



85.0340, 11.8152, -9.6768



86.2320, -8.4954, 18.2135



85.0580, -11.3676, 6.0881

Sweetspot

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



80.8920, 10.4062, -24.4613



124.3840, 4.2477, -9.1068



83.0170, -9.3754, -26.3249



61.5370, 2.2003, -5.7329



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



80.8920, 10.4062, -24.4613



99.4110, 16.5594, -38.0714



66.8040, 17.3516, -12.1061



48.9180, 1.0264, -2.5591



65.3530, 24.4760, -57.3146



137.9440, 51.2996, -120.9769

Inverse Universe

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



71.9830, 9.3754, 26.3249



85.7490, 14.4207, 41.4391



88.1960, -17.3516, 12.1061



47.9510, 1.0102, 2.6740



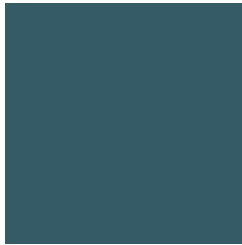
44.5310, 21.9232, 61.8013



93.7900, 46.4455, 129.9802

Previews

White Background



This preview shows how the YUV color 80.8920, 10.4062, -24.4613 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 ✓ Pass

Black Background



This preview shows how the YUV color 80.8920, 10.4062, -24.4613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

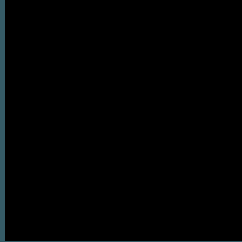
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

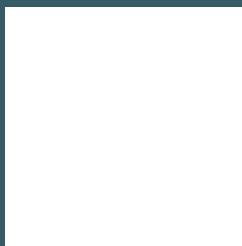
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 80.8920, 10.4062, -24.4613

Background



This preview shows how black text looks on a background with the YUV color 80.8920, 10.4062, -24.4613.



This preview shows how white text looks on a background with the YUV color 80.8920, 10.4062,

-24.4613.

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

80.8920, 10.4062, -24.4613

Protanopia

85.8840, 5.9732, -2.5293

Deuteranopia

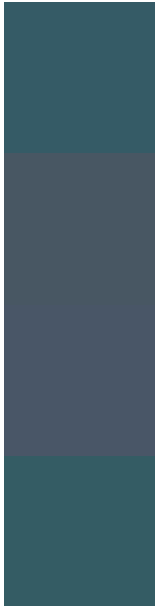
85.6930, 9.0254, -1.4848



Tritanopia

80.8380, 8.9539, -25.2909

Trichromacy



Original Color

80.8920, 10.4062, -24.4613

Protanomaly

83.8830, 7.4527, -10.4214

Deuteranomaly

84.0510, 9.3419, -9.6917

Tritanomaly

80.9520, 9.3907, -25.3909

Monochromacy



Original Color

80.8920, 10.4062, -24.4613

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.2700, 3.8109, -9.0068

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.8920, 10.4062, -24.4613 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(53, 91, 102)` looks like.

```
.text, #text, p{  
    color:rgb(53, 91, 102)  
}
```

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(53, 91, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 91, 102) }
```

Border

The CSS property to change the border of an element to YUV 80.8920, 10.4062, -24.4613 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(53, 91, 102) }
```


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

```
.border{ border-color:rgb(53, 91, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 91, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 91, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 91, 102);  
box-shadow:4px 4px 4px 4px rgb(53, 91,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 80.8920, 10.4062, -24.4613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 91, 102) }
```

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

```
.background{ background-color: rgb(53, 91,  
102) }
```

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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