

Converting Colors

YUV(68.2220, 20.1036, -8.0877)

Have a look what the booklet for
YUV(68.2220, 20.1036, -8.0877)
contains.

YUV(68.2220, 20.1036, -8.0877)	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(68.2220, 20.1036,
-8.0877)**

Conversions

Conversions Part 1

Format	Color
Hex	3B416D
RGB	59, 65, 109
RGB Percent	23%, 25%, 43%
CMY	0.7686, 0.7451, 0.5725
CMYK	0.46, 0.40, 0.00, 0.57
HSL	233°, 30%, 33%
HSV	233°, 46%, 43%
XYZ	6.4542, 5.8145, 15.2501
YIQ	68.2220, -17.7000, 12.4120

Conversions

Conversions Part 2

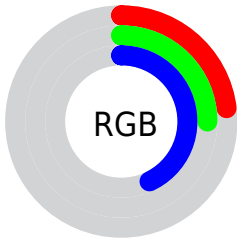
Format	Color
R_{YB}	59, 64, 109
Decimal	3883373
CIE _{Lab}	28.94, 10.28, -26.38
CIE _{LCh}	29, 28.316, 291.295
Yxy	5.8145, 0.2345, 0.2113
Android (android.graphics.Color)	4282073453 (0xFF3B416D)
YUV	68.2220, 20.1036, -8.0877
Hunter-Lab	24.1133, 5.5795, -20.6178

Details

The YUV color **68.2220, 20.1036, -8.0877** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **99.7780, -20.1036, 8.0877**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.2760, 21.5559, -7.2581**, and **22.8470, 18.8094, -13.0208** is the 20% darker color. If you saturate the color by 10%, you get **59.0630, 24.6189, -9.7023**, and if you desaturate by 10%, it is **77.3810, 15.5882, -6.4731**.

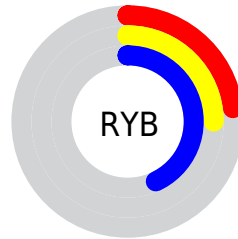
Distribution



Red (23%)

Green (25%)

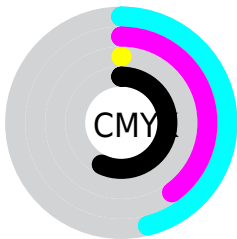
Blue (43%)



Red (23%)

Yellow (25%)

Blue (43%)

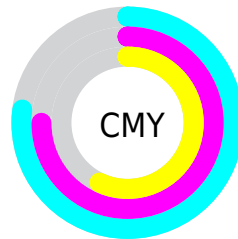


Cyan (46%)

Magenta (40%)

Yellow (0%)

Black (57%)



Cyan (77%)

Magenta (75%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.2220, 20.1036, -8.0877 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 68.2220, 20.1036, -8.0877 by changing the saturation by 10% instead.

■ 68.2220, 20.1036,
-8.0877

■ 68.2220, 20.1036,
-8.0877

■ 255.0000, 0.0000,
0.0000

■ 45.2820, 19.0880,
-9.0173

■ 117.2760, 21.5559,
-7.2581

■ 22.8470, 18.8094,
-13.0208

■ 142.8030, 22.2821,
-6.8432

■ 4.4460, 17.0351,
-3.8991

■ 169.3300, 23.0083,
-6.4284

■ 2.5250, 7.1362,
-2.2144

■ 196.4440, 23.4451,
-6.5284

■ 0.0000, 0.0000,
0.0000

■ 222.5060, 16.0195,
-4.8288

■ 248.2000, 3.3524,

-1.9294

■ 68.2220, 20.1036,
-8.0877

■ 68.2220, 20.1036,
-8.0877

■ 59.0630, 24.6189,
-9.7023

■ 77.3810, 15.5882,
-6.4731

■ 50.4910, 28.8449,
-11.8316

■ 85.9530, 11.3622,
-4.3438

■ 41.3320, 33.3603,
-13.4462

■ 95.1120, 6.8468,
-2.7292

■ 32.7600, 37.5863,
-15.5755

■ 103.6840, 2.6208,
-0.5999

■ 23.9000, 41.9543,
-16.5753

■ 112.8430, -1.8946,
1.0147

■ 20.0570, 43.8489,
-17.5900

■ 121.7030, -6.2626,
2.0145

■ 130.2750,
-10.4886, 4.1438

■ 139.4340,
-15.0040, 5.7584

■ 148.0060,
-19.2300, 7.8877

Harmonies

Analogous

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



54.9180, 27.6484, -48.1631



68.2220, 20.1036, -8.0877



70.4270, 12.6075, 16.2885

Triad

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



68.2220, 20.1036, -8.0877



67.9470, -16.2429, 29.8645



53.3270, 3.7828, -46.7678

Complementary

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



68.2220, 20.1036, -8.0877



99.7780, -20.1036, 8.0877

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.



60.8330, -10.2707, -19.1475



68.2220, 20.1036, -8.0877



66.6050, -21.0043, 17.0094

Square

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



68.2220, 20.1036, -8.0877



68.0970, -6.9498, 35.8719



64.5490, -19.4977, 0.3955



55.8350, 13.3923, -48.9673

Rectangle

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



68.2220, 20.1036, -8.0877



70.1850, 6.3178, 27.0248



64.5490, -19.4977, 0.3955



55.1170, -1.0437, -38.6906

Sweetspot

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



68.2220, 20.1036, -8.0877



126.4540, 8.1572, -3.0292



93.2520, 4.3128, -30.0390



61.5420, 4.6628, -2.2293



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



68.2220, 20.1036, -8.0877



78.8760, 31.6131, -13.0463



70.0820, 19.1866, 6.0671



49.2710, 2.3314, -1.1147



21.5560, 47.0539, -18.9046



44.9530, 98.6232, -39.4238

Inverse Universe

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



74.6340, -4.7496, 30.1390



88.7610, -7.2772, 47.5676



97.9180, -19.1866, -6.0671



49.9080, -0.4476, 3.5887



36.5790, -11.1314, 70.5292



76.5610, -23.4476, 147.7210

Previews

White Background



This preview shows how the YUV color 68.2220, 20.1036, -8.0877 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 68.2220, 20.1036, -8.0877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

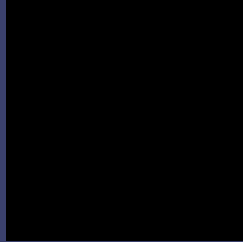
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.2220, 20.1036, -8.0877

Background



This preview shows how black text looks on a background with the YUV color 68.2220, 20.1036, -8.0877.



This preview shows how white text looks on a background with the YUV color 68.2220, 20.1036,

-8.0877.

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

68.2220, 20.1036, -8.0877

Protanopia

67.2320, 21.5776, -14.2355

Deuteranopia

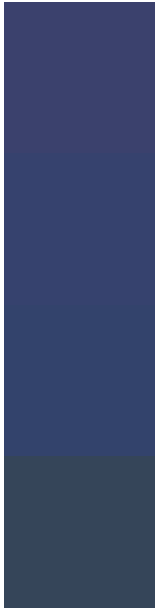
65.9820, 20.7149, -17.5242



Tritanopia

66.1060, 5.8637, -14.1250

Trichromacy



Original Color

68.2220, 20.1036, -8.0877

Protanomaly

67.4280, 20.9880, -11.7764

Deuteranomaly

66.8900, 20.2672, -13.9355

Tritanomaly

66.4960, 11.0945, -11.8360

Monochromacy



Original Color

68.2220, 20.1036, -8.0877

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.2260, 7.2836, -2.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.2220, 20.1036, -8.0877 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(59, 65, 109)` looks like.

```
.text, #text, p{  
    color:rgb(59, 65, 109)  
}
```

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(59, 65, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 65, 109) }
```

Border

The CSS property to change the border of an element to YUV 68.2220, 20.1036, -8.0877 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(59, 65, 109) }
```


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

```
.border{ border-color:rgb(59, 65, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 65, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 65, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 65, 109);  
box-shadow:4px 4px 4px 4px rgb(59, 65,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 68.2220, 20.1036, -8.0877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 65, 109) }
```

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

```
.background{ background-color: rgb(59, 65,  
109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor