

Converting Colors

YUV(82.0020, 6.9010, -20.1728)

Have a look what the booklet for
YUV(82.0020, 6.9010, -20.1728)
contains.

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Color

**YUV(82.0020, 6.9010,
-20.1728)**

Conversions

Conversions Part 1

Format	Color
Hex	3B5B60
RGB	59, 91, 96
RGB Percent	23%, 36%, 38%
CMY	0.7686, 0.6431, 0.6235
CMYK	0.39, 0.05, 0.00, 0.62
HSL	188°, 24%, 30%
HSV	188°, 39%, 38%
XYZ	7.6560, 9.2565, 12.4495
YIQ	82.0020, -20.6770, -5.2290

Conversions

Conversions Part 2

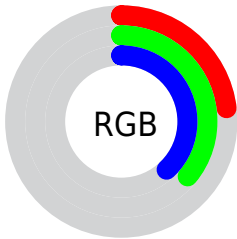
Format	Color
RYB	59, 76, 96
Decimal	3890016
CIELab	36.47, -10.24, -6.60
CIELCh	36, 12.185, 212.797
Yxy	9.2565, 0.2607, 0.3153
Android (android.graphics.Color)	4282080096 (0xFF3B5B60)
YUV	82.0020, 6.9010, -20.1728
Hunter-Lab	30.4245, -8.3251, -2.9639

Details

The YUV color **82.0020, 6.9010, -20.1728** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.9980, -6.9010, 20.1728**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.7030, 7.0484, -20.7875**, and **35.4040, 7.1958, -21.4023** is the 20% darker color. If you saturate the color by 10%, you get **78.4250, 8.6645, -25.8057**, and if you desaturate by 10%, it is **85.5790, 5.1376, -14.5398**.

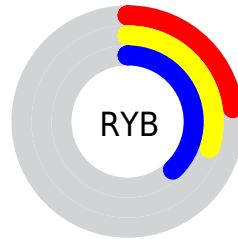
Distribution



Red (23%)

Green (36%)

Blue (38%)



Red (23%)

Yellow (30%)

Blue (38%)

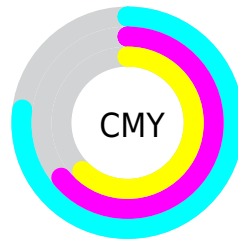


Cyan (39%)

Magenta (5%)

Yellow (0%)

Black (62%)



Cyan (77%)

Magenta (64%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.0020, 6.9010, -20.1728 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 82.0020, 6.9010, -20.1728 by changing the saturation by 10% instead.

82.0020, 6.9010,
-20.1728

82.0020, 6.9010,
-20.1728

255.0000, 0.0000,
0.0000

58.3010, 6.7536,
-19.5580

131.7030, 7.0484,
-20.7875

35.4040, 7.1958,
-21.4023

158.4040, 7.1958,
-21.4023

17.9810, 5.4324,
-15.7693

185.1050, 7.3432,
-22.0171

0.1140, 0.4368,
-0.1000

213.1050, 7.3432,
-22.0171

0.0000, 0.0000,
0.0000

240.9910, 6.9064,
-21.9171

251.7110, 1.6215,

-6.7625

■ 82.0020, 6.9010,
-20.1728

■ 82.0020, 6.9010,
-20.1728

■ 78.4250, 8.6645,
-25.8057

■ 85.5790, 5.1376,
-14.5398

■ 74.5600, 10.5699,
-30.3091

■ 89.4440, 3.2321,
-10.0364

■ 70.9830, 12.3334,
-35.9421

■ 93.0210, 1.4686,
-4.4034

■ 67.7050, 13.9494,
-40.9603

■ 96.2990, -0.1474,
0.6148

■ 64.1280, 15.7129,
-46.5933

■ 99.8760, -1.9109,
6.2477

■ 59.9640, 17.7657,
-51.7114

■ 104.0400, -3.9637,
11.3659

■ 59.6650, 17.9132,
-52.3262

■ 107.3180, -5.5798,
16.3841

■ 110.8950, -7.3432,
22.0171

■ 114.7600, -9.2487,
26.5205

Harmonies

Analogous

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



81.7590, 2.0908, -17.3286



82.0020, 6.9010, -20.1728



83.1210, 9.8003, -16.7691

Triad

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



82.0020, 6.9010, -20.1728



87.3910, 3.7512, 10.1811



84.9270, -9.3310, 6.2030

Complementary

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



82.0020, 6.9010, -20.1728



72.9980, -6.9010, 20.1728

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.



86.1990, -8.4791, 12.9805



82.0020, 6.9010, -20.1728



87.4580, -1.2118, 15.3843

Square

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



82.0020, 6.9010, -20.1728



86.9600, 7.4147, 1.7891



87.3180, -5.5798, 16.3841



84.0400, -7.4147, -1.7891

Rectangle

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



82.0020, 6.9010, -20.1728



84.2680, 10.2209, -11.6360



87.3180, -5.5798, 16.3841



85.6500, -9.1945, 9.0769

Sweetspot

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



82.0020, 6.9010, -20.1728



119.3410, 2.7899, -8.1921



81.2890, -8.5235, -19.5475



60.7220, 1.6161, -5.0182



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



82.0020, 6.9010, -20.1728



102.9620, 10.8647, -31.5387



71.4360, 12.1101, -10.9064



46.8040, 0.5896, -2.4591



69.7070, 20.8504, -61.1330



148.8690, 44.9276, -130.5581

Inverse Universe

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



73.7110, 8.5235, 19.5475



90.0420, 13.2903, 30.6582



83.5640, -12.1101, 10.9064



45.6520, 1.1576, 2.0592



44.5460, 25.8598, 59.1572



95.3580, 55.0395, 126.8510

Previews

White Background



This preview shows how the YUV color 82.0020, 6.9010, -20.1728 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 82.0020, 6.9010, -20.1728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

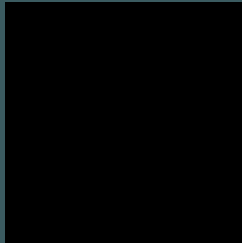
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.0020, 6.9010, -20.1728

Background



This preview shows how black text looks on a background with the YUV color 82.0020, 6.9010, -20.1728.



This preview shows how white text looks on a background with the YUV color 82.0020, 6.9010, -20.1728.

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

82.0020, 6.9010, -20.1728

Protanopia

85.7980, 3.0576, -0.6998

Deuteranopia

86.2050, 5.8149, 1.5742



Tritanopia

82.5290, 7.6272, -19.7579

Trichromacy



Original Color

82.0020, 6.9010, -20.1728

Protanomaly

84.3950, 4.2423, -7.3624

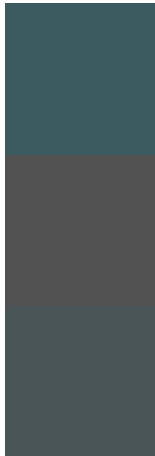
Deuteranomaly

84.5630, 6.1314, -6.6328

Tritanomaly

82.4150, 7.1904, -19.6580

Monochromacy



Original Color

82.0020, 6.9010, -20.1728

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9390, 2.4951, -6.9625

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.0020, 6.9010, -20.1728 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, 91, 96)` looks like.

```
.text, #text, p{  
    color:rgb(59, 91, 96)  
}
```

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, 91, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 91, 96) }
```

Border

The CSS property to change the border of an element to YUV 82.0020, 6.9010, -20.1728 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, 91, 96) }
```


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

```
.border{ border-color:rgb(59, 91, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 91, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 91, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 91, 96);  
box-shadow:4px 4px 4px 4px rgb(59, 91, 96)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.0020, 6.9010, -20.1728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 91, 96) }
```

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

```
.background{ background-color: rgb(59, 91,  
96) }
```

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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