

Converting Colors

YUV(81.3920, -20.4063,
152.2542)

Have a look what the booklet for
YUV(81.3920, -20.4063, 152.2542)
contains.

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Color

**YUV(81.3920, -20.4063,
152.2542)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0128
RGB	255, 1, 40
RGB Percent	100%, 0%, 16%
CMY	0.0000, 0.9961, 0.8431
CMYK	0.00, 1.00, 0.84, 0.00
HSL	351°, 100%, 50%
HSV	351°, 100%, 100%
XYZ	41.6339, 21.4349, 3.9505
YIQ	81.3920, 138.8650, 65.9770

Conversions

Conversions Part 2

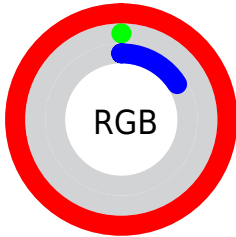
Format	Color
RYB	255, 1, 40
Decimal	16711976
CIELab	53.42, 80.49, 53.48
CIELCh	53, 96.643, 33.601
Yxy	21.4349, 0.6212, 0.3198
Android (android.graphics.Color)	4294902056 (0xFFFF0128)
YUV	81.3920, -20.4063, 152.2542
Hunter-Lab	46.2979, 79.4969, 27.3494

Details

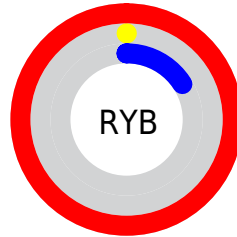
The YUV color **81.3920, -20.4063, 152.2542** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **174.6080, 20.4063, -152.2542**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.1020, -27.6583, 98.1345**, and **56.2120, -27.7125, 115.5781** is the 20% darker color. If you saturate the color by 10%, you get **80.6910, -20.5537, 152.8690**, and if you desaturate by 10%, it is **98.5750, -18.0315, 137.1847**.

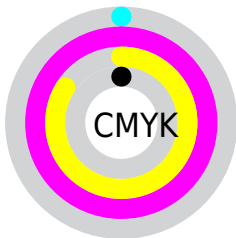
Distribution



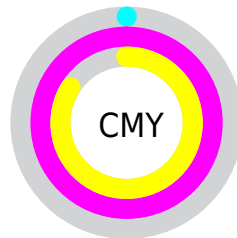
- Red (100%)
- Green (0%)
- Blue (16%)



- Red (100%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (84%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 81.3920, -20.4063, 152.2542 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 81.3920, -20.4063, 152.2542 by changing the saturation by 10% instead.


 81.3920, -20.4063,
152.2542

 81.3920, -20.4063,
152.2542


255.0000, 0.0000,
0.0000


 68.0170, -25.1514,
134.1661


 143.1020,
-27.6583, 98.1345

 56.2120, -27.7125,
115.5781


 164.7360,
-25.9988, 79.1615


 46.3450, -22.8481,
95.2904


 185.3100,
-23.3238, 61.1181

 36.5920, -17.5469,
74.9028

 206.5850,
-20.5014, 42.4600

 27.3660, -11.5194,
54.9300

 227.2730,
-17.3896, 24.3166

 17.8690, -7.8234,
36.0719

 248.6620,

 5.9800, -2.9481,

-14.1304, 5.5584

12.2955

254.3160, -2.6208,
0.5999

0.0000, 0.0000,
0.0000

81.3920, -20.4063,
152.2542

81.3920, -20.4063,
152.2542

80.6910, -20.5537,
152.8690

98.5750, -18.0315,
137.1847

116.2310,
-16.3829, 121.7004

134.0010,
-14.2975, 106.1161

151.0700,
-12.3595, 91.1466

168.8400,
-10.2741, 75.5623

■ 186.0230, -7.8993,
60.4928

■ 203.0920, -5.9614,
45.5233

■ 220.8620, -3.8760,
29.9390

■ 238.5180, -2.2274,
14.4547

Harmonies

Analogous

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



90.1530, 15.7006, 144.5708



81.3920, -20.4063, 152.2542



117.3920, -57.8743, 82.9712

Triad

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



81.3920, -20.4063, 152.2542



96.5880, -25.9259, -84.7077



109.4890, 71.7369, -96.0219

Complementary

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



81.3920, -20.4063, 152.2542



174.6080, 20.4063, -152.2542

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.



120.0550, 66.5279, -105.2882



81.3920, -20.4063, 152.2542



109.4240, 13.1020, -95.9648

Square

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



81.3920, -20.4063, 152.2542



101.2390, -49.9108, -44.9366



119.4730, 49.0668, -104.7778



124.8570, 64.1605, 1.0024

Rectangle

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



81.3920, -20.4063, 152.2542



120.3950, -59.3547, 44.3806



119.4730, 49.0668, -104.7778



114.1850, 69.4218, -100.1402

Sweetspot

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



81.3920, -20.4063, 152.2542



202.9780, -6.3982, 45.6233



93.3440, 79.6964, 104.9383



96.5520, -3.7231, 27.5799



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



81.3920, -20.4063, 152.2542



80.6910, -20.5537, 152.8690



126.8410, -62.0396, 112.3954



119.1150, -1.0427, 7.7921



60.4150, -15.4876, 114.5230



20.2760, -5.0661, 38.3459

Inverse Universe

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



81.3920, -20.4063, 152.2542



80.6910, -20.5537, 152.8690



129.1590, 62.0396, -112.3954



119.1150, -1.0427, 7.7921



60.4150, -15.4876, 114.5230



20.2760, -5.0661, 38.3459

Previews

White Background



This preview shows how the YUV color 81.3920, -20.4063, 152.2542 looks on a white 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

Black Background



This preview shows how the YUV color 81.3920, -20.4063, 152.2542 looks on a black 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

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

YUV 81.3920, -20.4063, 152.2542

Background



This preview shows how black text looks on a background with the YUV color 81.3920, -20.4063, 152.2542.



This preview shows how white text looks on a background with the YUV color 81.3920, -20.4063,

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

81.3920, -20.4063, 152.2542

Protanopia

125.5910, -29.8714, 14.3907

Deuteranopia

120.3510, -59.3330, 37.4032



Tritanopia

89.4470, -44.0974, 144.3130

Trichromacy



Original Color

81.3920, -20.4063, 152.2542

Protanomaly

109.2350, -26.2449, 64.6919

Deuteranomaly

106.1000, -44.9123, 78.8423

Tritanomaly

86.4610, -35.2303, 146.9317

Monochromacy



Original Color

81.3920, -20.4063, 152.2542

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.1040, -7.4463, 55.1598

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.3920, -20.4063, 152.2542 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(255, 1, 40)` looks like.

```
.text, #text, p{  
    color:rgb(255, 1, 40)  
}
```

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(255, 1, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 1, 40) }
```

Border

The CSS property to change the border of an element to YUV 81.3920, -20.4063, 152.2542 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(255, 1, 40) }
```


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

```
.border{ border-color:rgb(255, 1, 40) }
```

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

Here you see how a box with a 4 pixel rgb(255, 1, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 1, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 1, 40);  
box-shadow:4px 4px 4px 4px rgb(255, 1, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.3920, -20.4063, 152.2542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 1, 40) }
```

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

```
.background{ background-color: rgb(255, 1,  
40) }
```

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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