

Converting Colors

YUV(20.1650, 13.2297, 3.3633)

Have a look what the booklet for
YUV(20.1650, 13.2297, 3.3633)
contains.

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Color

**YUV(20.1650, 13.2297,
3.3633)**

Conversions

Conversions Part 1

Format	Color
Hex	180D2F
RGB	24, 13, 47
RGB Percent	9%, 5%, 18%
CMY	0.9059, 0.9490, 0.8157
CMYK	0.49, 0.72, 0.00, 0.82
HSL	259°, 57%, 12%
HSV	259°, 72%, 18%
XYZ	1.0337, 0.6873, 2.7675
YIQ	20.1650, -4.3580, 12.9060

Conversions

Conversions Part 2

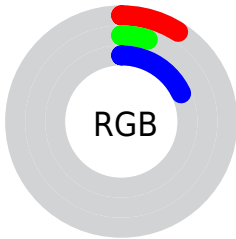
Format	Color
RYB	24, 13, 47
Decimal	1576239
CIELab	6.21, 15.05, -20.51
CIELCh	6, 25.445, 306.273
Yxy	0.6873, 0.2303, 0.1531
Android (android.graphics.Color)	4279766319 (0xFF180D2F)
YUV	20.1650, 13.2297, 3.3633
Hunter-Lab	8.2902, 7.7493, -13.9895

Details

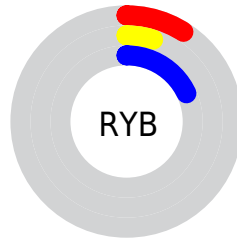
The YUV color **20.1650, 13.2297, 3.3633** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **39.8350, -13.2297, -3.3633**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.5180, 14.5346, 4.8077**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.3330, 15.1188, 4.0930**, and if you desaturate by 10%, it is **23.9970, 11.3405, 2.6336**.

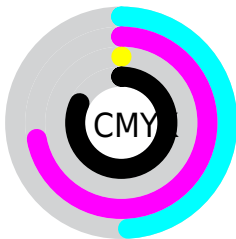
Distribution



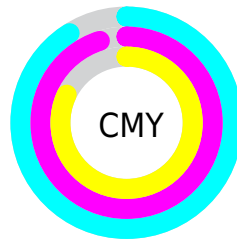
- Red (9%)
- Green (5%)
- Blue (18%)



- Red (9%)
- Yellow (5%)
- Blue (18%)



- Cyan (49%)
- Magenta (72%)
- Yellow (0%)
- Black (82%)



- Cyan (91%)
- Magenta (95%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.1650, 13.2297, 3.3633 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 20.1650, 13.2297, 3.3633 by changing the saturation by 10% instead.

■ 20.1650, 13.2297,
3.3633

■ 20.1650, 13.2297,
3.3633

■ 243.8470, 5.4984,
9.7812

■ 3.5510, 11.0674,
-3.1142

■ 63.5180, 14.5346,
4.8077

■ 0.0000, 0.0000,
0.0000

■ 87.0450, 15.2608,
5.2225

■ 111.5720, 15.9870,
5.6374

■ 136.9850, 16.2764,
6.1522

■ 163.5120, 17.0026,
6.5670

■ 190.6260, 17.4394,

6.4670

■ 218.7400, 17.8762,
6.3670

■ 20.1650, 13.2297,
3.3633

■ 20.1650, 13.2297,
3.3633

■ 16.3330, 15.1188,
4.0930

■ 23.9970, 11.3405,
2.6336

■ 13.0880, 16.7186,
4.3078

■ 27.2420, 9.7407,
2.4188

■ 9.8430, 18.3184,
4.5227

■ 31.3730, 7.7041,
2.3039

■ 35.2050, 5.8149,
1.5742

■ 39.0370, 3.9258,
0.8446

■ 42.2820, 2.3260,
0.6297

■ 46.1140, 0.4368,
-0.1000

■ 49.9460, -1.4524,
-0.8296

■ 53.4900, -3.1996,
-0.4297

Harmonies

Analogous

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



18.3690, 17.0731, -16.1096



20.1650, 13.2297, 3.3633



18.7820, 7.5025, 20.3622

Triad

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



20.1650, 13.2297, 3.3633



18.6940, -9.2161, 16.0544



20.2320, 1.3646, -17.7435

Complementary

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



20.1650, 13.2297, 3.3633



39.8350, -13.2297, -3.3633

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.



17.0230, -8.3923, -14.9292



20.1650, 13.2297, 3.3633



18.6170, -9.1782, 3.8439

Square

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



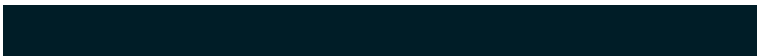
20.1650, 13.2297, 3.3633



16.4010, -8.0857, 26.8353



15.2620, -7.5242, -13.3848



21.4690, 8.6428, -18.8283

Rectangle

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



20.1650, 13.2297, 3.3633



17.2620, 2.8288, 26.0802



15.2620, -7.5242, -13.3848



19.4340, -1.6930, -17.0436

Sweetspot

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



20.1650, 13.2297, 3.3633



50.6780, 5.0887, 1.1594



30.3770, 8.1951, -15.2396



24.5100, 3.1996, 0.4297



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



20.1650, 13.2297, 3.3633



19.1250, 20.6444, 5.1524



25.2480, 10.7237, 13.8145



21.2280, 0.8736, -0.2000



18.2900, 33.8740, 8.5157



45.0270, 83.3037, 21.0243

Inverse Universe

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



25.7880, 5.0345, 18.6029



27.9510, 7.9122, 28.9840



34.7520, -10.7237, -13.8145



21.7120, 0.1420, 1.1296



32.7390, 12.9467, 47.5869



80.5160, 31.7906, 117.0655

Previews

White Background



This preview shows how the YUV color 20.1650, 13.2297, 3.3633 looks on a white background.

Color Contrast Check

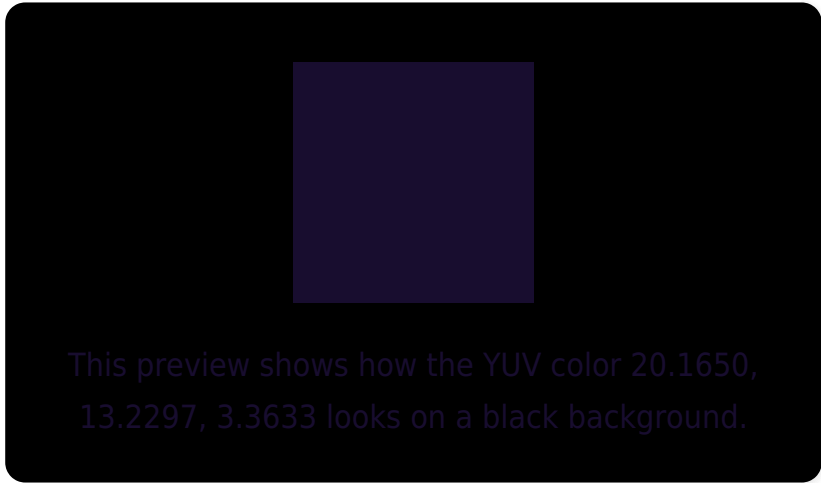
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

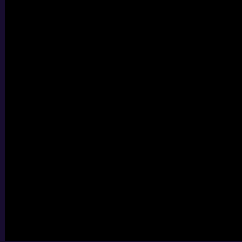
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.1650, 13.2297, 3.3633

Background



This preview shows how black text looks on a background with the YUV color 20.1650, 13.2297, 3.3633.



This preview shows how white text looks on a background with the YUV color 20.1650, 13.2297,

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

20.1650, 13.2297, 3.3633

Protanopia

16.5280, 12.5577, -14.4951

Deuteranopia

16.4310, 9.6475, -14.4100



Tritanopia

20.0320, 1.4632, -2.6591

Trichromacy



Original Color

20.1650, 13.2297, 3.3633

Protanomaly

17.6860, 12.9728, -7.6176

Deuteranomaly

17.8170, 10.9362, -7.7325

Tritanomaly

20.1940, 5.8204, -0.1701

Monochromacy



Original Color

20.1650, 13.2297, 3.3633

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

19.6780, 5.0887, 1.1594

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.1650, 13.2297, 3.3633 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(24, 13, 47)` looks like.

```
.text, #text, p{  
    color:rgb(24, 13, 47)  
}
```

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(24, 13, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 13, 47) }
```

Border

The CSS property to change the border of an element to YUV 20.1650, 13.2297, 3.3633 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(24, 13, 47) }
```


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

```
.border{ border-color:rgb(24, 13, 47) }
```

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

Here you see how a box with a 4 pixel rgb(24, 13, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 13, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 13, 47);  
box-shadow:4px 4px 4px 4px rgb(24, 13, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 20.1650, 13.2297, 3.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 13, 47) }
```

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

```
.background{ background-color: rgb(24, 13,  
47) }
```

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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