

Converting Colors

YUV(20.3330, 15.1188, 4.0930)

Have a look what the booklet for
YUV(20.3330, 15.1188, 4.0930)
contains.

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Color

**YUV(20.3330, 15.1188,
4.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	190C33
RGB	25, 12, 51
RGB Percent	10%, 5%, 20%
CMY	0.9020, 0.9529, 0.8000
CMYK	0.51, 0.76, 0.00, 0.80
HSL	260°, 62%, 12%
HSV	260°, 76%, 20%
XYZ	1.1299, 0.7086, 3.2092
YIQ	20.3330, -4.7710, 14.8850

Conversions

Conversions Part 2

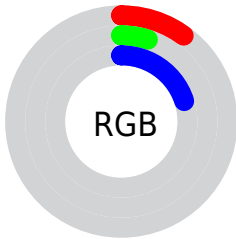
Format	Color
RYB	25, 12, 51
Decimal	1641523
CIELab	6.40, 17.56, -23.16
CIElCh	6, 29.061, 307.170
Yxy	0.7086, 0.2238, 0.1404
Android (android.graphics.Color)	4279831603 (0xFF190C33)
YUV	20.3330, 15.1188, 4.0930
Hunter-Lab	8.4180, 9.2277, -16.7104

Details

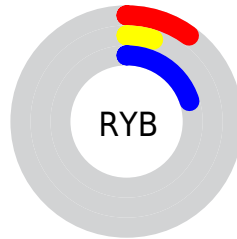
The YUV color **20.3330, 15.1188, 4.0930** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **42.6670, -15.1188, -4.0930**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.0990, 16.7132, 6.0522**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.5010, 17.0080, 4.8226**, and if you desaturate by 10%, it is **24.1650, 13.2297, 3.3633**.

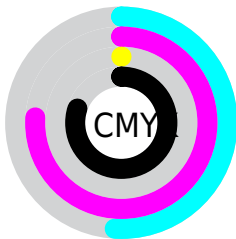
Distribution



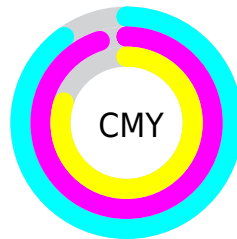
- Red (10%)
- Green (5%)
- Blue (20%)



- Red (10%)
- Yellow (5%)
- Blue (20%)



- Cyan (51%)
- Magenta (76%)
- Yellow (0%)
- Black (80%)



- Cyan (90%)
- Magenta (95%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.3330, 15.1188, 4.0930 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 20.3330, 15.1188, 4.0930 by changing the saturation by 10% instead.

■ 20.3330, 15.1188,
4.0930

■ 20.3330, 15.1188,
4.0930

■ 243.2600, 5.7878,
10.2960

■ 3.4200, 13.1039,
-2.9993

■ 64.0990, 16.7132,
6.0522

■ 0.0000, 0.0000,
0.0000

■ 87.6260, 17.4394,
6.4670

■ 112.1530, 18.1656,
6.8818

■ 138.2670, 18.6024,
6.7818

■ 164.6800, 18.8918,
7.2966

■ 191.5060, 19.4705,

8.3262

■ 219.0500, 17.7234,
8.7262

■ 20.3330, 15.1188,
4.0930

■ 20.3330, 15.1188,
4.0930

■ 16.5010, 17.0080,
4.8226

■ 24.1650, 13.2297,
3.3633

■ 12.3700, 19.0446,
4.9375

■ 28.2960, 11.1931,
3.2484

■ 10.8970, 19.7708,
5.3523

■ 32.1280, 9.3039,
2.5187

■ 36.2590, 7.2673,
2.4039

■ 40.0910, 5.3781,
1.6742

■ 44.5100, 3.1996,
0.4297

■ 48.6410, 1.1630,
0.3148

■ 52.4730, -0.7262,
-0.4148

■ 56.6040, -2.7628,
-0.5297

Harmonies

Analogous

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



19.0530, 19.6939, -16.7095



20.3330, 15.1188, 4.0930



18.4450, 8.6546, 24.1657

Triad

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



20.3330, 15.1188, 4.0930



19.2920, -9.5110, 17.2839



20.9330, 1.5120, -18.3582

Complementary

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



20.3330, 15.1188, 4.0930



42.6670, -15.1188, -4.0930

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.



17.6100, -8.6817, -15.4440



20.3330, 15.1188, 4.0930



18.9050, -9.3202, 2.7143

Square

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



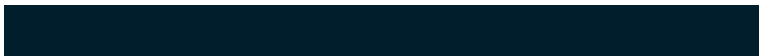
20.3330, 15.1188, 4.0930



16.1240, -7.9491, 29.7093



15.8490, -7.8136, -13.8996



22.5120, 10.1006, -19.7430

Rectangle

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



20.3330, 15.1188, 4.0930



17.8710, 2.5286, 29.0541



15.8490, -7.8136, -13.8996



20.1350, -1.5456, -17.6584

Sweetspot

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



20.3330, 15.1188, 4.0930



54.2050, 5.8149, 1.5742



31.7080, 9.5110, -17.2839



25.9230, 3.4890, 0.9445



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



20.3330, 15.1188, 4.0930



18.2330, 23.5491, 6.8117



26.3130, 12.1707, 16.3885



23.6410, 1.1630, 0.3148



19.1160, 34.4528, 9.5453



46.2660, 84.1719, 22.5687

Inverse Universe

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



26.6250, 5.6079, 21.3769



27.9130, 8.9169, 33.4023



36.6870, -12.1707, -16.3885



24.1250, 0.4314, 1.6444



33.3370, 12.6519, 48.8165



81.2990, 30.9116, 119.0098

Previews

White Background



This preview shows how the YUV color 20.3330, 15.1188, 4.0930 looks on a white background.

Color Contrast Check

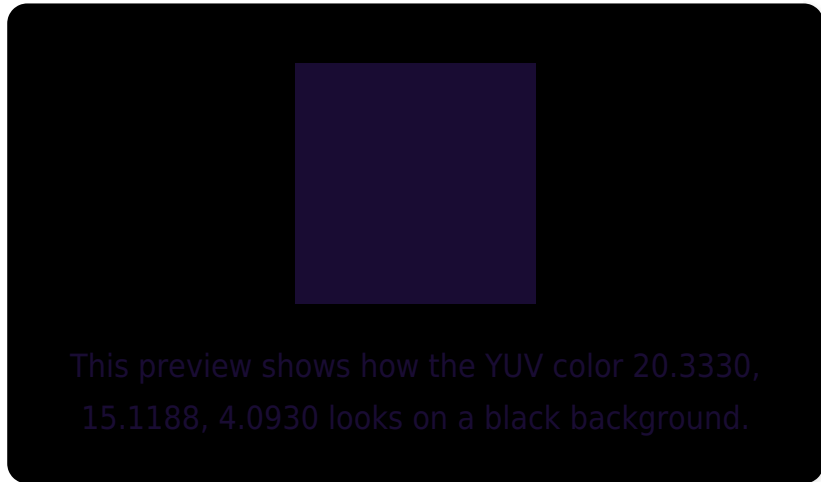
Large Text (above 18pt) WCAG AA ✓ Pass

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

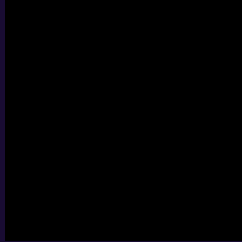
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.3330, 15.1188, 4.0930

Background



This preview shows how black text looks on a background with the YUV color 20.3330, 15.1188, 4.0930.



This preview shows how white text looks on a background with the YUV color 20.3330, 15.1188,

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

20.3330, 15.1188, 4.0930

Protanopia

17.2290, 12.7051, -15.1098

Deuteranopia

17.1320, 9.7949, -15.0248



Tritanopia

20.7330, 1.6106, -3.2738

Trichromacy



Original Color

20.3330, 15.1188, 4.0930

Protanomaly

18.5010, 13.5570, -8.3324

Deuteranomaly

18.0450, 11.8098, -7.9325

Tritanomaly

20.4220, 6.6940, -0.3701

Monochromacy



Original Color

20.3330, 15.1188, 4.0930

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

20.0910, 5.3781, 1.6742

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.3330, 15.1188, 4.0930 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(25, 12, 51)` looks like.

```
.text, #text, p{  
    color:rgb(25, 12, 51)  
}
```

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(25, 12, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 12, 51) }
```

Border

The CSS property to change the border of an element to YUV 20.3330, 15.1188, 4.0930 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(25, 12, 51) }
```


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

```
.border{ border-color:rgb(25, 12, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 12, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 12, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 12, 51);  
box-shadow:4px 4px 4px 4px rgb(25, 12, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 20.3330, 15.1188, 4.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 12, 51) }
```

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

```
.background{ background-color: rgb(25, 12,  
51) }
```

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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