

Converting Colors

YUV(33.1090, 58.6133, 6.9204)

Have a look what the booklet for
YUV(33.1090, 58.6133, 6.9204)
contains.

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Color

**YUV(33.1090, 58.6133,
6.9204)**

Conversions

Conversions Part 1

Format	Color
Hex	290698
RGB	41, 6, 152
RGB Percent	16%, 2%, 60%
CMY	0.8392, 0.9765, 0.4039
CMYK	0.73, 0.96, 0.00, 0.40
HSL	254°, 92%, 31%
HSV	254°, 96%, 60%
XYZ	6.6471, 2.8687, 29.9091
YIQ	33.1090, -26.0060, 52.8260

Conversions

Conversions Part 2

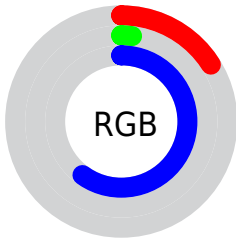
Format	Color
RYB	41, 6, 152
Decimal	2688664
CIELab	19.51, 52.94, -68.79
CIELCh	20, 86.799, 307.583
Yxy	2.8687, 0.1686, 0.0728
Android (android.graphics.Color)	4280878744 (0xFF290698)
YUV	33.1090, 58.6133, 6.9204
Hunter-Lab	16.9371, 40.4133, -92.8437

Details

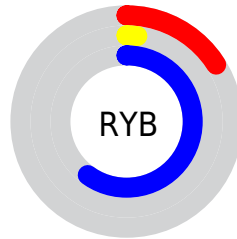
The YUV color **33.1090, 58.6133, 6.9204** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **124.8910, -58.6133, -6.9204**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.2130, 57.5760, 12.9682**, and **11.4000, 43.6798, -9.9978** is the 20% darker color. If you saturate the color by 10%, you get **28.0920, 61.0866, 6.9353**, and if you desaturate by 10%, it is **45.5020, 52.5035, 6.5757**.

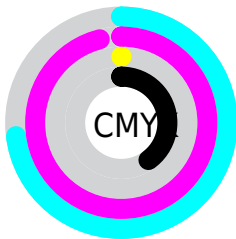
Distribution



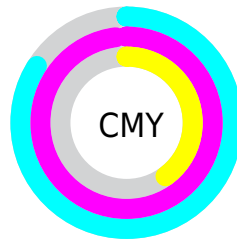
- Red (16%)
- Green (2%)
- Blue (60%)



- Red (16%)
- Yellow (2%)
- Blue (60%)



- Cyan (73%)
- Magenta (96%)
- Yellow (0%)
- Black (40%)



- Cyan (84%)
- Magenta (98%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.1090, 58.6133, 6.9204 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 33.1090, 58.6133, 6.9204 by changing the saturation by 10% instead.

■ 33.1090, 58.6133,
6.9204

■ 33.1090, 58.6133,
6.9204

■ 252.6520, 1.1576,
2.0592

■ 14.2500, 54.5998,
-12.4972

■ 91.2130, 57.5760,
12.9682

■ 11.4000, 43.6798,
-9.9978

■ 118.0500, 58.1493,
15.7422

■ 10.1970, 31.4549,
-8.9428

■ 144.1490, 54.6495,
18.2863

■ 8.1620, 21.1191,
-7.1581

■ 168.9680, 42.4138,
22.8301

■ 4.4800, 12.0884,
-3.9290


■ 193.7870, 30.1780,
27.3738


■ 0.0000, 0.0000,
0.0000


■ 218.6060, 17.9422,


31.9175


 235.6290, 9.5499,
16.9884


 33.1090, 58.6133,
6.9204


 33.1090, 58.6133,
6.9204


 28.0920, 61.0866,
6.9353

 45.5020, 52.5035,
6.5757

 57.5960, 46.5412,
5.6163

 70.5760, 40.1420,
4.7568

 82.6700, 34.1797,
3.7974

 95.0630, 28.0699,
3.4527

■ 107.1570, 22.1076,
2.4933

■ 119.5500, 15.9978,
2.1486

■ 132.2310, 9.7461,
0.6744

■ 144.6240, 3.6364,
0.3298

Harmonies

Analogous

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



53.3920, 62.4177, -46.8248



33.1090, 58.6133, 6.9204



49.0310, 23.6487, 68.3788

Triad

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



33.1090, 58.6133, 6.9204



39.5580, -19.5021, 48.6226



46.5110, 8.1291, -40.7901

Complementary

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



33.1090, 58.6133, 6.9204



124.8910, -58.6133, -6.9204

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.



38.1550, -18.8104, -33.4619



33.1090, 58.6133, 6.9204



43.3920, -21.3923, 1.4102

Square

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



33.1090, 58.6133, 6.9204



38.8700, -19.1629, 79.9210



35.8070, -17.6529, -31.4027



54.2800, 35.3580, -47.6036

Rectangle

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



33.1090, 58.6133, 6.9204



49.4400, 3.2341, 82.9291



35.8070, -17.6529, -31.4027



43.3020, -1.6279, -37.9759

Sweetspot

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



33.1090, 58.6133, 6.9204



149.6840, 22.8338, 2.9081



88.3880, 31.3607, -72.2543



71.2680, 13.6719, 1.5190



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



33.1090, 58.6133, 6.9204



36.3970, 78.6843, 9.2988



54.6370, 48.0000, 51.1844



70.5100, 3.1996, 0.4297



26.1260, 56.1399, 6.9055



2.3790, 5.2362, 0.5446

Inverse Universe

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



62.3080, 26.9632, 78.6599



75.5900, 36.1911, 105.5996



103.3630, -48.0000, -51.1844



72.0760, 1.4415, 4.3183



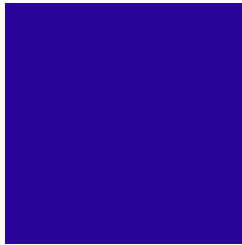
54.0580, 26.1004, 75.3711



5.0270, 2.4517, 6.9923

Previews

White Background



This preview shows how the YUV color 33.1090, 58.6133, 6.9204 looks on a white background.

Color Contrast Check

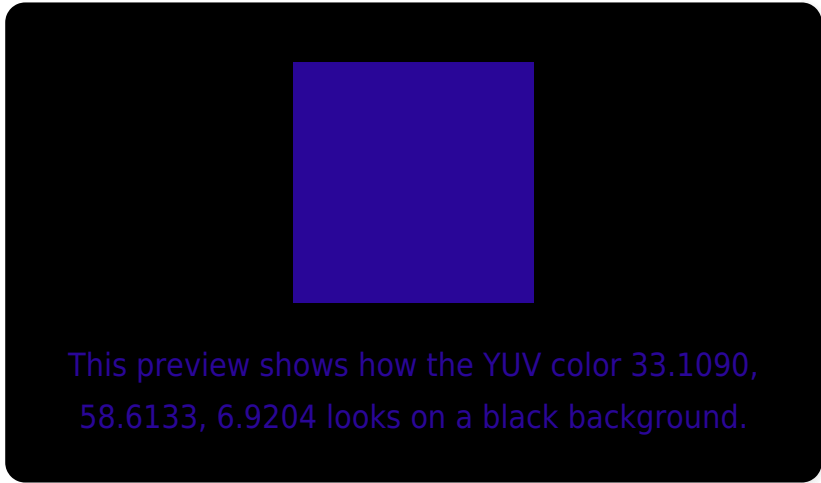
Large Text (above 18pt) WCAG AA ✓ Pass

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

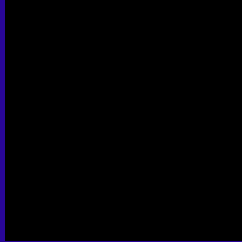
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.1090, 58.6133, 6.9204

Background



This preview shows how black text looks on a background with the YUV color 33.1090, 58.6133, 6.9204.



This preview shows how white text looks on a background with the YUV color 33.1090, 58.6133,

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

33.1090, 58.6133, 6.9204

Protanopia

39.5760, 29.7890, -34.7082

Deuteranopia

39.6270, 22.3689, -34.7529



Tritanopia

38.8970, 9.4178, -34.1127

Trichromacy



Original Color

33.1090, 58.6133, 6.9204

Protanomaly

37.4220, 40.2180, -19.6641

Deuteranomaly

37.4560, 35.2712, -19.6939

Tritanomaly

36.6920, 27.2668, -19.0239

Monochromacy



Original Color

33.1090, 58.6133, 6.9204

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.9290, 21.2340, 2.6933

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.1090, 58.6133, 6.9204 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(41, 6, 152)` looks like.

```
.text, #text, p{  
    color:rgb(41, 6, 152)  
}
```

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(41, 6, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 6, 152) }
```

Border

The CSS property to change the border of an element to YUV 33.1090, 58.6133, 6.9204 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(41, 6, 152) }
```


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

```
.border{ border-color:rgb(41, 6, 152) }
```

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

Here you see how a box with a 4 pixel rgb(41, 6, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 6, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 6, 152);  
box-shadow:4px 4px 4px 4px rgb(41, 6, 152)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.1090, 58.6133, 6.9204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 6, 152) }
```

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

```
.background{ background-color: rgb(41, 6,  
152) }
```

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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