

Converting Colors

YUV(35.9320, 13.3445, 13.2146)

Have a look what the booklet for
YUV(35.9320, 13.3445, 13.2146)
contains.

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Color

**YUV(35.9320, 13.3445,
13.2146)**

Conversions

Conversions Part 1

Format	Color
Hex	33173F
RGB	51, 23, 63
RGB Percent	20%, 9%, 25%
CMY	0.8000, 0.9098, 0.7529
CMYK	0.19, 0.63, 0.00, 0.75
HSL	282°, 47%, 17%
HSV	282°, 63%, 25%
XYZ	2.5688, 1.6755, 4.8906
YIQ	35.9320, 3.8480, 18.3760

Conversions

Conversions Part 2

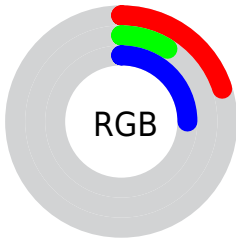
Format	Color
R_{YB}	51, 23, 63
Decimal	3348287
CIE _{Lab}	13.68, 22.11, -19.92
CIE _{LCh}	14, 29.756, 317.984
Yxy	1.6755, 0.2812, 0.1834
Android (android.graphics.Color)	4281538367 (0xFF33173F)
YUV	35.9320, 13.3445, 13.2146
Hunter-Lab	12.9440, 12.7726, -13.3407

Details

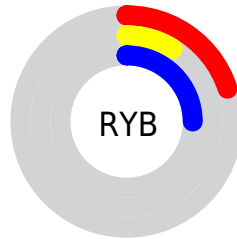
The YUV color **35.9320, 13.3445, 13.2146** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **50.0680, -13.3445, -13.2146**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.5840, 14.5021, 15.2738**, and **2.7530, 8.0098, -2.4144** is the 20% darker color. If you saturate the color by 10%, you get **31.8120, 15.3757, 15.0739**, and if you desaturate by 10%, it is **40.0520, 11.3134, 11.3554**.

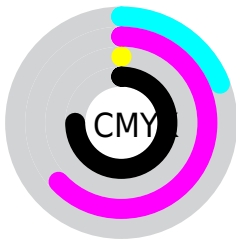
Distribution



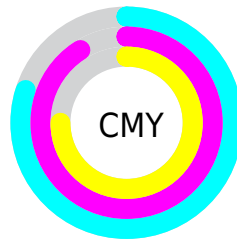
- Red (20%)
- Green (9%)
- Blue (25%)



- Red (20%)
- Yellow (9%)
- Blue (25%)



- Cyan (19%)
- Magenta (63%)
- Yellow (0%)
- Black (75%)



- Cyan (80%)
- Magenta (91%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.9320, 13.3445, 13.2146 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 35.9320, 13.3445, 13.2146 by changing the saturation by 10% instead.

■ 35.9320, 13.3445,
13.2146

■ 35.9320, 13.3445,
13.2146

■ 253.8260, 0.5788,
1.0296

■ 13.6440, 13.4865,
14.3442

■ 81.5840, 14.5021,
15.2738

■ 2.7530, 8.0098,
-2.4144

■ 105.9970, 14.7915,
15.7886

■ 0.0000, 0.0000,
0.0000

■ 131.5240, 15.5177,
16.2035

■ 157.9370, 15.8071,
16.7183

■ 184.7630, 16.3858,
17.7478

■ 212.7630, 16.3858,

17.7478

236.8030, 8.9711,
15.9588

35.9320, 13.3445,
13.2146

35.9320, 13.3445,
13.2146

31.8120, 15.3757,
15.0739

40.0520, 11.3134,
11.3554

27.1050, 17.6962,
17.4479

44.7590, 8.9928,
8.9814

22.9850, 19.7274,
19.3072

48.8790, 6.9617,
7.1221

20.3380, 21.0324,
20.7516

52.9990, 4.9305,
5.2629

57.4070, 2.7573,
2.2741

■ 61.5270, 0.7262,
0.4148

■ 65.6470, -1.3050,
-1.4444

■ 69.7670, -3.3361,
-3.3037

■ 74.4740, -5.6567,
-5.6777

Harmonies

Analogous

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



31.5090, 21.4411, -17.1094



35.9320, 13.3445, 13.2146



32.6800, 5.5808, 30.0986

Triad

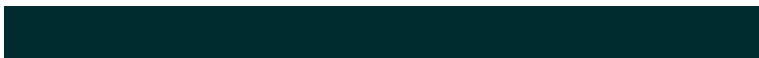
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.9320, 13.3445, 13.2146



33.4460, -16.4889, 15.3949



31.1860, 7.7963, -27.3501

Complementary

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



35.9320, 13.3445, 13.2146



50.0680, -13.3445, -13.2146

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.



28.7920, -1.3765, -25.2506



35.9320, 13.3445, 13.2146



32.1730, -15.8613, 0.7253

Square

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



35.9320, 13.3445, 13.2146



31.7620, -15.6587, 29.1497



26.7470, -13.1863, -17.3181



32.7650, 16.3849, -28.7349

Rectangle

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



35.9320, 13.3445, 13.2146



31.1060, -0.5453, 34.9870



26.7470, -13.1863, -17.3181



30.3880, 4.7387, -26.6503

Sweetspot

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



35.9320, 13.3445, 13.2146



71.1130, 5.3673, 5.1629



34.6040, 13.9992, -10.1767



34.2330, 3.3361, 3.3037



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



35.9320, 13.3445, 13.2146



39.9250, 20.7430, 20.2368



38.6080, 8.0813, 21.3918



28.9400, 1.0156, 0.9296



30.4500, 31.3301, 31.1773



71.6530, 74.1211, 73.0953

Inverse Universe

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



36.3280, -0.6547, 23.3913



40.5900, -1.2769, 36.3166



47.3920, -8.0813, -21.3918



28.8970, -0.4422, 1.8443



31.2980, -1.6259, 54.9897



74.0160, -3.4589, 129.7820

Previews

White Background



This preview shows how the YUV color 35.9320, 13.3445, 13.2146 looks on a white background.

Color Contrast Check

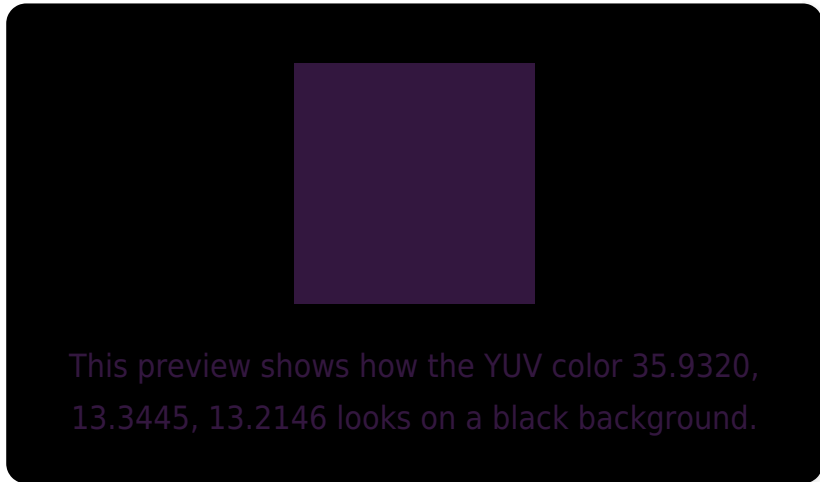
Large Text (above 18pt) WCAG AA ✓ Pass

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

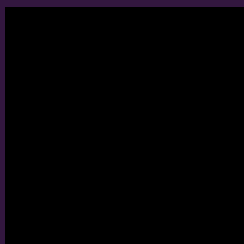
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.9320, 13.3445, 13.2146

Background



This preview shows how black text looks on a background with the YUV color 35.9320, 13.3445, 13.2146.



This preview shows how white text looks on a background with the YUV color 35.9320, 13.3445,

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

35.9320, 13.3445, 13.2146

Protanopia

28.2800, 22.0470, -24.8016

Deuteranopia

33.4680, 13.5733, -13.5654



Tritanopia

36.7130, -1.3375, 9.0217

Trichromacy



Original Color

35.9320, 13.3445, 13.2146

Protanomaly

31.1570, 18.6566, -10.6617

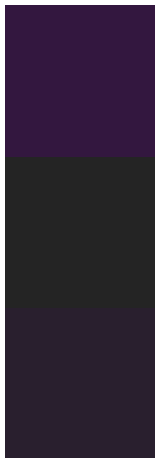
Deuteranomaly

34.2350, 13.6881, -3.7141

Tritanomaly

36.5050, 4.1880, 10.0811

Monochromacy



Original Color

35.9320, 13.3445, 13.2146

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.7000, 5.0779, 4.6481

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.9320, 13.3445, 13.2146 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(51, 23, 63)` looks like.

```
.text, #text, p{  
    color:rgb(51, 23, 63)  
}
```

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(51, 23, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 23, 63) }
```

Border

The CSS property to change the border of an element to YUV 35.9320, 13.3445, 13.2146 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(51, 23, 63) }
```


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

```
.border{ border-color:rgb(51, 23, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 23, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 23, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 23, 63);  
box-shadow:4px 4px 4px 4px rgb(51, 23, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.9320, 13.3445, 13.2146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 23, 63) }
```

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

```
.background{ background-color: rgb(51, 23,  
63) }
```

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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