

Converting Colors

YUV(40.3370, 56.0359, -6.4345)

Have a look what the booklet for
YUV(40.3370, 56.0359, -6.4345)
contains.

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Color

**YUV(40.3370, 56.0359,
-6.4345)**

Conversions

Conversions Part 1

Format	Color
Hex	21169A
RGB	33, 22, 154
RGB Percent	13%, 9%, 60%
CMY	0.8706, 0.9137, 0.3961
CMYK	0.79, 0.86, 0.00, 0.40
HSL	245°, 75%, 35%
HSV	245°, 86%, 60%
XYZ	6.7468, 3.2302, 30.8398
YIQ	40.3370, -35.8160, 43.3840

Conversions

Conversions Part 2

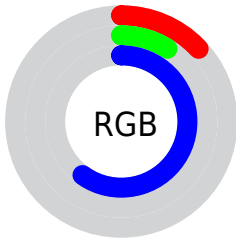
Format	Color
R_{YB}	33, 22, 154
Decimal	2168474
CIE _{Lab}	20.94, 47.79, -67.65
CIE _{LCh}	21, 82.825, 305.237
Yxy	3.2302, 0.1653, 0.0791
Android (android.graphics.Color)	4280358554 (0xFF21169A)
YUV	40.3370, 56.0359, -6.4345
Hunter-Lab	17.9729, 35.5546, -89.1550

Details

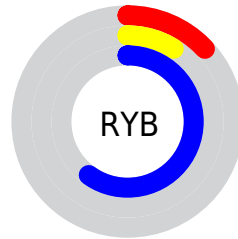
The YUV color **40.3370, 56.0359, -6.4345** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **135.6630, -56.0359, 6.4345**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.2290, 56.5821, 5.0612**, and **11.5140, 44.1166, -10.0978** is the 20% darker color. If you saturate the color by 10%, you get **27.3460, 62.4404, -7.3194**, and if you desaturate by 10%, it is **53.3280, 49.6313, -5.5497**.

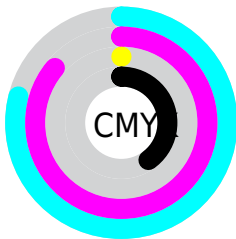
Distribution



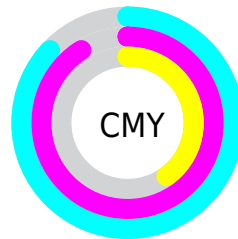
- Red (13%)
- Green (9%)
- Blue (60%)



- Red (13%)
- Yellow (9%)
- Blue (60%)



- Cyan (79%)
- Magenta (86%)
- Yellow (0%)
- Black (40%)



- Cyan (87%)
- Magenta (91%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.3370, 56.0359, -6.4345 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 40.3370, 56.0359, -6.4345 by changing the saturation by 10% instead.

■ 40.3370, 56.0359,
-6.4345

■ 40.3370, 56.0359,
-6.4345

■ 255.0000, 0.0000,
0.0000

■ 14.4780, 55.4733,
-12.6972

■ 95.2290, 56.5821,
5.0612

■ 11.5140, 44.1166,
-10.0978

■ 122.1800, 57.5923,
7.7351

■ 10.4250, 32.3285,
-9.1427

■ 147.9370, 52.7821,
10.5793

■ 8.8630, 21.2665,
-7.7729

■ 172.1690, 40.8357,
15.6378

■ 4.5940, 12.5252,
-4.0289

■ 196.9880, 28.5999,
20.1815


■ 0.1140, 0.4368,
-0.1000


■ 222.3940, 16.0748,


■ 0.0000, 0.0000,


24.2105


0.0000


 240.3250, 7.2348,
12.8700


 40.3370, 56.0359,
-6.4345


 40.3370, 56.0359,
-6.4345


 27.3460, 62.4404,
-7.3194


 53.3280, 49.6313,
-5.5497

 21.4430, 65.3506,
-7.4045

 66.9060, 42.9373,
-5.1796

 79.8970, 36.5328,
-4.2947

 93.4750, 29.8388,
-3.9246

 106.7650, 23.2869,
-2.4249

■ 119.7560, 16.8823,
-1.5400

■ 133.3340, 10.1883,
-1.1699

■ 146.3250, 3.7838,
-0.2850

■ 159.9030, -2.9102,
0.0851

Harmonies

Analogous

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



54.9250, 60.6760, -48.1692



40.3370, 56.0359, -6.4345



48.8180, 26.7117, 65.9346

Triad

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



40.3370, 56.0359, -6.4345



41.9390, -20.6759, 51.7965



47.9300, 5.9505, -42.0346

Complementary

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



40.3370, 56.0359, -6.4345



135.6630, -56.0359, 6.4345

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.



39.9160, -19.6786, -35.0063



40.3370, 56.0359, -6.4345



46.6700, -23.0083, 6.4284

Square

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



40.3370, 56.0359, -6.4345



40.0660, -19.7525, 82.3801



36.9810, -18.2316, -32.4323



55.5850, 32.7426, -48.7480

Rectangle

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



40.3370, 56.0359, -6.4345



49.9390, 6.4391, 81.6145



36.9810, -18.2316, -32.4323



44.9490, -2.9329, -39.4203

Sweetspot

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



40.3370, 56.0359, -6.4345



156.1240, 22.1239, -2.7397



108.0750, 22.6410, -75.4878



74.5450, 13.5353, -1.3550



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



40.3370, 56.0359, -6.4345



27.9970, 85.2905, -9.6444



60.0710, 46.3070, 34.1407



69.9120, 3.4944, -0.7998



19.5480, 59.3828, -6.6196



1.7810, 5.5310, -0.6849

Inverse Universe

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



75.2620, 33.3948, 69.0532



81.1890, 51.1788, 105.0742



115.9290, -46.3070, -34.1407



72.1900, 1.8783, 4.2184



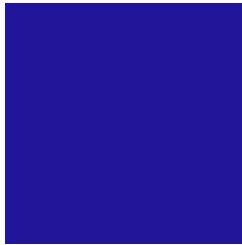
56.5660, 35.7100, 73.1716



5.2550, 3.3253, 6.7924

Previews

White Background



This preview shows how the YUV color 40.3370, 56.0359, -6.4345 looks on a white background.

Color Contrast Check

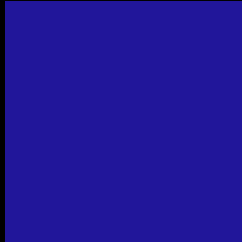
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 40.3370, 56.0359, -6.4345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

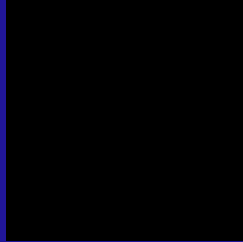
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.3370, 56.0359, -6.4345

Background



This preview shows how black text looks on a background with the YUV color 40.3370, 56.0359, -6.4345.



This preview shows how white text looks on a background with the YUV color 40.3370, 56.0359, -6.4345.

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

40.3370, 56.0359, -6.4345

Protanopia

41.2060, 30.9574, -36.1377

Deuteranopia

41.1430, 23.1005, -36.0824



Tritanopia

40.2990, 9.7126, -35.3422

Trichromacy



Original Color

40.3370, 56.0359, -6.4345

Protanomaly

40.9760, 39.9448, -25.4120

Deuteranomaly

41.0100, 34.9981, -25.4418

Tritanomaly

40.1320, 26.5569, -24.6718

Monochromacy



Original Color

40.3370, 56.0359, -6.4345

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.6680, 20.3767, -2.3398

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.3370, 56.0359, -6.4345 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(33, 22, 154)` looks like.

```
.text, #text, p{  
    color:rgb(33, 22, 154)  
}
```

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(33, 22, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 22, 154) }
```

Border

The CSS property to change the border of an element to YUV 40.3370, 56.0359, -6.4345 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(33, 22, 154) }
```


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

```
.border{ border-color:rgb(33, 22, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 22, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 22, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 22, 154);  
box-shadow:4px 4px 4px 4px rgb(33, 22,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 40.3370, 56.0359, -6.4345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 22, 154) }
```

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

```
.background{ background-color: rgb(33, 22,  
154) }
```

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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