

Converting Colors

YUV(40.2290, 6.2961, 34.0022)

Have a look what the booklet for
YUV(40.2290, 6.2961, 34.0022)
contains.

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Color

**YUV(40.2290, 6.2961,
34.0022)**

Conversions

Conversions Part 1

Format	Color
Hex	4F1235
RGB	79, 18, 53
RGB Percent	31%, 7%, 21%
CMY	0.6902, 0.9294, 0.7922
CMYK	0.00, 0.77, 0.33, 0.69
HSL	326°, 63%, 19%
HSV	326°, 77%, 31%
XYZ	4.0834, 2.3519, 3.6069
YIQ	40.2290, 25.1210, 23.8170

Conversions

Conversions Part 2

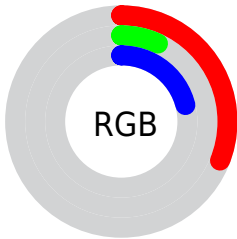
Format	Color
R_{YB}	79, 18, 53
Decimal	5182005
CIE Lab	17.24, 31.86, -6.93
CIE LCh	17, 32.607, 347.729
Yxy	2.3519, 0.4066, 0.2342
Android (android.graphics.Color)	4283372085 (0xFF4F1235)
YUV	40.2290, 6.2961, 34.0022
Hunter-Lab	15.3360, 20.6895, -3.2094

Details

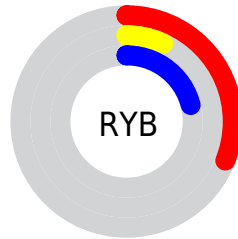
The YUV color **40.2290, 6.2961, 34.0022** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **56.7710, -6.2961, -34.0022**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.3110, 5.2697, 36.5613**, and **10.5510, -2.2436, 19.6878** is the 20% darker color. If you saturate the color by 10%, you get **35.1910, 7.3008, 38.4205**, and if you desaturate by 10%, it is **45.2670, 5.2914, 29.5838**.

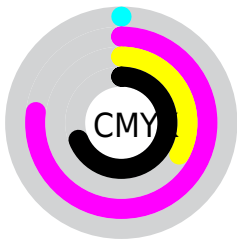
Distribution



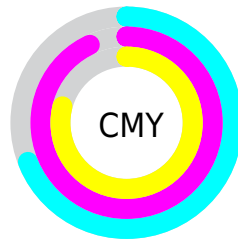
- Red (31%)
- Green (7%)
- Blue (21%)



- Red (31%)
- Yellow (7%)
- Blue (21%)



- Cyan (0%)
- Magenta (77%)
- Yellow (33%)
- Black (69%)



- Cyan (69%)
- Magenta (93%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.2290, 6.2961, 34.0022 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 40.2290, 6.2961, 34.0022 by changing the saturation by 10% instead.

40.2290, 6.2961,
34.0022

40.2290, 6.2961,
34.0022

254.4130, 0.2894,
0.5148

19.7940, 6.0176,
29.9987

89.3110, 5.2697,
36.5613

10.5510, -2.2436,
19.6878

114.7950, 4.5381,
37.8908

0.0000, 0.0000,
0.0000

140.5070, 4.6800,
39.0204

168.1050, 4.3852,
40.2499

195.7030, 4.0904,
41.4795

218.4460, 7.1751,

32.0579

237.3900, 8.6817,
15.4440

40.2290, 6.2961,
34.0022

40.2290, 6.2961,
34.0022

35.1910, 7.3008,
38.4205

45.2670, 5.2914,
29.5838

30.0390, 7.8688,
42.9388

50.4190, 4.7234,
25.0655

28.7510, 8.0108,
44.0684

55.4570, 3.7187,
20.6472

60.4950, 2.7140,
16.2289

65.0600, 2.4354,
12.2254

■ 70.0980, 1.4307,
7.8071

■ 75.2500, 0.8628,
3.2887

■ 80.2880, -0.1420,
-1.1296

■ 85.3260, -1.1467,
-5.5479

Harmonies

Analogous

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



43.3990, 15.0863, 14.5591



40.2290, 6.2961, 34.0022



38.2160, -4.0505, 39.2756

Triad

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



40.2290, 6.2961, 34.0022



38.6740, -19.0663, 2.0399



39.3020, 18.5851, -34.4679

Complementary

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



40.2290, 6.2961, 34.0022



56.7710, -6.2961, -34.0022

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.



37.4950, 9.1230, -32.8831



40.2290, 6.2961, 34.0022



32.7250, -13.1754, -20.8068

Square

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



40.2290, 6.2961, 34.0022



40.5450, -19.9887, 17.9390



34.1720, -1.0708, -29.9688



38.2080, 24.5475, -33.5084

Rectangle

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



40.2290, 6.2961, 34.0022



39.0170, -12.3334, 35.9421



34.1720, -1.0708, -29.9688



38.6180, 15.9643, -33.8680

Sweetspot

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



40.2290, 6.2961, 34.0022



87.3590, 2.2880, 12.8402



32.4290, 22.9595, 9.2708



42.0980, 1.4307, 7.8071



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



40.2290, 6.2961, 34.0022



41.6750, 10.0202, 52.9050



36.8090, -6.8078, 37.0015



35.5380, 0.7208, 2.1592



37.2240, 10.7356, 56.8086



83.8180, 23.7537, 128.2016

Inverse Universe

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



40.2290, 6.2961, 34.0022



41.6750, 10.0202, 52.9050



60.1910, 6.8078, -37.0015



35.5380, 0.7208, 2.1592



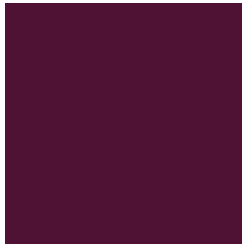
37.2240, 10.7356, 56.8086



83.8180, 23.7537, 128.2016

Previews

White Background



This preview shows how the YUV color 40.2290, 6.2961, 34.0022 looks on a white background.

Color Contrast Check

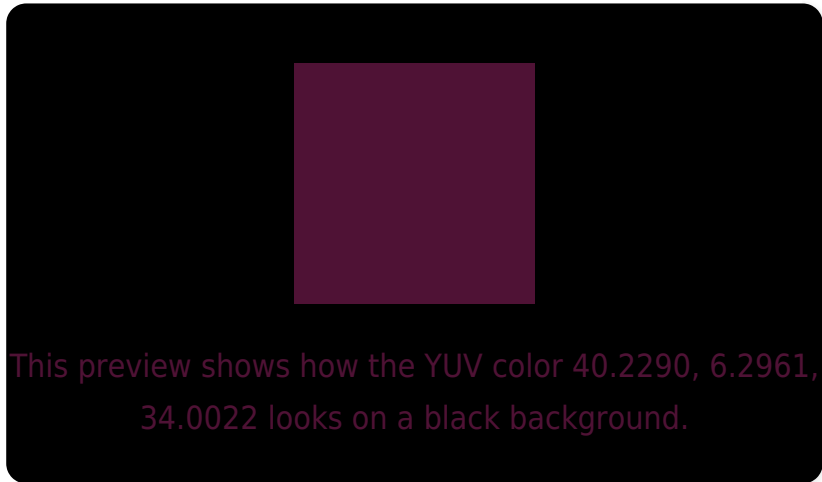
Large Text (above 18pt) WCAG AA ✓ Pass

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

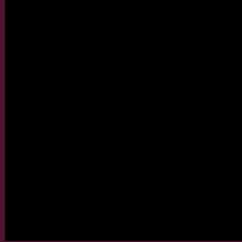
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.2290, 6.2961, 34.0022

Background



This preview shows how black text looks on a background with the YUV color 40.2290, 6.2961, 34.0022.



This preview shows how white text looks on a background with the YUV color 40.2290, 6.2961,

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

40.2290, 6.2961, 34.0022

Protanopia

43.5010, 13.5570, -8.3324

Deuteranopia

44.6950, 2.6154, 1.1445



Tritanopia

41.3630, -7.0810, 31.2536

Trichromacy



Original Color

40.2290, 6.2961, 34.0022

Protanomaly

42.2040, 10.7454, 6.8371

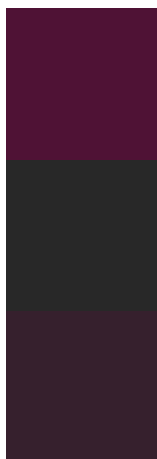
Deuteranomaly

43.1140, 3.8878, 13.0550

Tritanomaly

40.9270, -2.4290, 32.5130

Monochromacy



Original Color

40.2290, 6.2961, 34.0022

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.0600, 2.4354, 12.2254

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.2290, 6.2961, 34.0022 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(79, 18, 53)` looks like.

```
.text, #text, p{  
    color:rgb(79, 18, 53)  
}
```

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(79, 18, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 18, 53) }
```

Border

The CSS property to change the border of an element to YUV 40.2290, 6.2961, 34.0022 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(79, 18, 53) }
```


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

```
.border{ border-color:rgb(79, 18, 53) }
```

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

Here you see how a box with a 4 pixel rgb(79, 18, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 18, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 18, 53);  
box-shadow:4px 4px 4px 4px rgb(79, 18, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.2290, 6.2961, 34.0022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 18, 53) }
```

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

```
.background{ background-color: rgb(79, 18,  
53) }
```

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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