

Converting Colors

YUV(40.7980, 53.3436,
-29.6408)

Have a look what the booklet for
YUV(40.7980, 53.3436, -29.6408)
contains.

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Color

**YUV(40.7980, 53.3436,
-29.6408)**

Conversions

Conversions Part 1

Format	Color
Hex	072595
RGB	7, 37, 149
RGB Percent	3%, 15%, 58%
CMY	0.9725, 0.8549, 0.4157
CMYK	0.95, 0.75, 0.00, 0.42
HSL	227°, 91%, 31%
HSV	227°, 95%, 58%
XYZ	6.1740, 3.5382, 28.7913
YIQ	40.7980, -53.8320, 28.4720

Conversions

Conversions Part 2

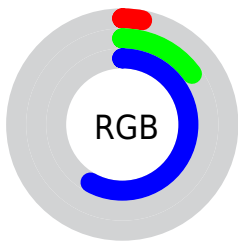
Format	Color
R_{YB}	7, 32, 149
Decimal	468373
CIE _{Lab}	22.08, 36.85, -62.71
CIE _{LCh}	22, 72.735, 300.436
Yxy	3.5382, 0.1603, 0.0919
Android (android.graphics.Color)	4278658453 (0xFF072595)
YUV	40.7980, 53.3436, -29.6408
Hunter-Lab	18.8102, 25.6706, -77.5835

Details

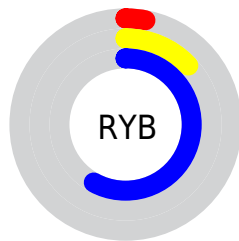
The YUV color **40.7980, 53.3436, -29.6408** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **115.2020, -53.3436, 29.6408**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.7020, 52.4049, -8.5087**, and **11.0580, 42.3694, -9.6979** is the 20% darker color. If you saturate the color by 10%, you get **35.1830, 56.1118, -30.8555**, and if you desaturate by 10%, it is **52.3270, 47.6598, -26.5968**.

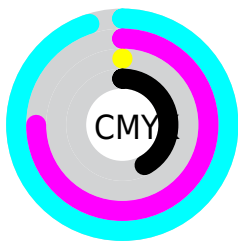
Distribution



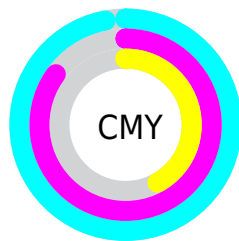
- Red (3%)
- Green (15%)
- Blue (58%)



- Red (3%)
- Yellow (13%)
- Blue (58%)



- Cyan (95%)
- Magenta (75%)
- Yellow (0%)
- Black (42%)



- Cyan (97%)
- Magenta (85%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.7980, 53.3436, -29.6408 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 40.7980, 53.3436, -29.6408 by changing the saturation by 10% instead.

■ 40.7980, 53.3436,
-29.6408

■ 40.7980, 53.3436,
-29.6408

■ 255.0000, 0.0000,
0.0000

■ 23.3000, 48.6591,
-20.4341

■ 97.7020, 52.4049,
-8.5087

■ 11.0580, 42.3694,
-9.6979

■ 124.6530, 53.4151,
-5.8347

■ 11.7300, 29.7131,
-10.2872

■ 150.5070, 51.5150,
-3.0756

■ 7.9340, 20.2455,
-6.9581

■ 175.3260, 39.2793,
1.4681

■ 3.6650, 11.5042,
-3.2142

■ 199.8460, 27.1909,
5.3971

■ 0.0000, 0.0000,
0.0000

■ 224.6650, 14.9552,

9.9408

247.3690, 3.7621,
6.6924

40.7980, 53.3436,
-29.6408

40.7980, 53.3436,
-29.6408

35.1830, 56.1118,
-30.8555

52.3270, 47.6598,
-26.5968

63.8560, 41.9760,
-23.5527

74.7980, 36.5816,
-19.9938

86.3270, 30.8978,
-16.9498

97.8560, 25.2140,
-13.9057

■ 109.0860, 19.6776,
-11.4764

■ 120.0280, 14.2832,
-7.9176

■ 131.5570, 8.5994,
-4.8735

■ 143.0860, 2.9156,
-1.8294

Harmonies

Analogous

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



55.2040, 54.1294, -48.4139



40.7980, 53.3436, -29.6408



45.9850, 30.0804, 58.7722

Triad

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



40.7980, 53.3436, -29.6408



44.0210, -21.7024, 54.3556



47.6050, 2.1667, -41.7496

Complementary

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



40.7980, 53.3436, -29.6408



115.2020, -53.3436, 29.6408

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.



40.5030, -19.9680, -35.5211



40.7980, 53.3436, -29.6408



49.9590, -24.6298, 13.1910

Square

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



40.7980, 53.3436, -29.6408



39.7670, -19.6051, 81.7653



37.5680, -18.5210, -32.9471



54.4620, 25.9012, -47.7632

Rectangle

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



40.7980, 53.3436, -29.6408



48.3880, 12.1337, 75.0817



37.5680, -18.5210, -32.9471



44.8520, -5.8430, -39.3352

Sweetspot

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



40.7980, 53.3436, -29.6408



150.8410, 21.2774, -11.2616



103.0080, 7.3911, -84.1990



70.9850, 12.8254, -7.0028



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



40.7980, 53.3436, -29.6408



46.1830, 72.8738, -40.5025



35.1480, 56.1290, 10.3942



68.3850, 2.7682, -1.2146



32.7550, 51.8858, -28.7261



2.3140, 3.7892, -2.0294

Inverse Universe

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



52.8780, -7.8279, 84.2990



62.6800, -10.6882, 115.1676



120.8520, -56.1290, -10.3942



69.2070, -0.5951, 4.2035



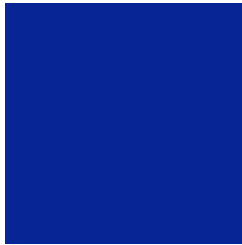
44.5680, -7.6750, 81.9399



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 40.7980, 53.3436, -29.6408 looks on a white background.

Color Contrast Check

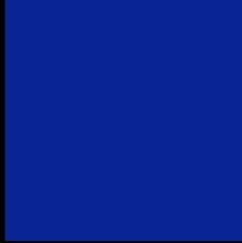
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.7980, 53.3436, -29.6408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

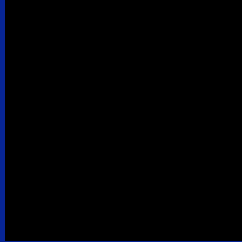
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.7980, 53.3436, -29.6408

Background



This preview shows how black text looks on a background with the YUV color 40.7980, 53.3436, -29.6408.



This preview shows how white text looks on a background with the YUV color 40.7980, 53.3436, -29.6408.

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

40.7980, 53.3436, -29.6408

Protanopia

42.9500, 32.5627, -37.6671

Deuteranopia

42.7730, 24.2689, -37.5119



Tritanopia

42.4020, 10.1548, -37.1866

Trichromacy



Original Color

40.7980, 53.3436, -29.6408

Protanomaly

42.6220, 40.1194, -34.7485

Deuteranomaly

41.9550, 35.0252, -34.1635

Tritanomaly

42.1370, 25.5685, -34.3231

Monochromacy



Original Color

40.7980, 53.3436, -29.6408

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.2710, 19.0934, -10.7617

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.7980, 53.3436, -29.6408 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(7, 37, 149)` looks like.

```
.text, #text, p{  
    color:rgb(7, 37, 149)  
}
```

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(7, 37, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 37, 149) }
```

Border

The CSS property to change the border of an element to YUV 40.7980, 53.3436, -29.6408 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(7, 37, 149) }
```


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

```
.border{ border-color:rgb(7, 37, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 37, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 37, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 37, 149);  
box-shadow:4px 4px 4px 4px rgb(7, 37, 149)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.7980, 53.3436, -29.6408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 37, 149) }
```

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

```
.background{ background-color: rgb(7, 37,  
149) }
```

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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