

Converting Colors

YUV(40.9950, 78.3895, 10.5284)

Have a look what the booklet for
YUV(40.9950, 78.3895, 10.5284)
contains.

YUV(40.9950, 78.3895, 10.5284)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(40.9950, 78.3895,
10.5284)**

Conversions

Conversions Part 1

Format	Color
Hex	3504C8
RGB	53, 4, 200
RGB Percent	21%, 2%, 78%
CMY	0.7922, 0.9843, 0.2157
CMYK	0.73, 0.98, 0.00, 0.22
HSL	255°, 96%, 40%
HSV	255°, 98%, 78%
XYZ	11.9369, 5.0138, 54.9822
YIQ	40.9950, -33.7120, 71.3440

Conversions

Conversions Part 2

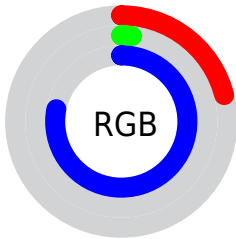
Format	Color
RYB	53, 4, 200
Decimal	3474632
CIELab	26.77, 66.02, -85.52
CIElCh	27, 108.035, 307.670
Yxy	5.0138, 0.1659, 0.0697
Android (android.graphics.Color)	4281664712 (0xFF3504C8)
YUV	40.9950, 78.3895, 10.5284
Hunter-Lab	22.3916, 55.9728, -129.9113

Details

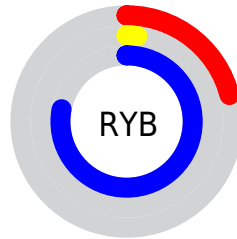
The YUV color **40.9950, 78.3895, 10.5284** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **163.0050, -78.3895, -10.5284**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.0620, 73.4264, 15.7316**, and **16.4160, 62.8989, -14.3968** is the 20% darker color. If you saturate the color by 10%, you get **37.7500, 79.9892, 10.7432**, and if you desaturate by 10%, it is **57.2200, 70.3905, 9.4541**.

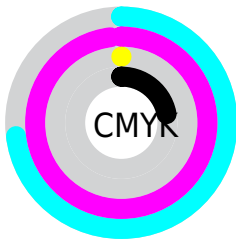
Distribution



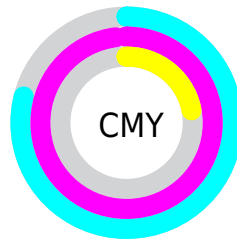
- Red (21%)
- Green (2%)
- Blue (78%)



- Red (21%)
- Yellow (2%)
- Blue (78%)



- Cyan (73%)
- Magenta (98%)
- Yellow (0%)
- Black (22%)



- Cyan (79%)
- Magenta (98%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.9950, 78.3895, 10.5284 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 40.9950, 78.3895, 10.5284 by changing the saturation by 10% instead.

■ 40.9950, 78.3895,
10.5284

■ 40.9950, 78.3895,
10.5284

■ 255.0000, 0.0000,
0.0000

■ 19.6080, 75.1293,
-17.1962

■ 106.0620, 73.4264,
15.7316

■ 16.4160, 62.8989,
-14.3968

■ 130.8920, 61.1852,
22.0197

■ 13.4520, 51.5422,
-11.7974

■ 156.0100, 48.8021,
27.1782

■ 14.5970, 38.1597,
-12.8016

■ 181.1280, 36.4189,
32.3367

■ 11.7470, 27.2397,
-10.3021

■ 206.8330, 23.7463,
36.9805

■ 6.7770, 18.3509,
-5.9434

■ 225.6500, 14.4696,


■ 3.0950, 9.3202,


25.7400

-2.7143


 242.0860, 6.3666,
11.3256


 0.0000, 0.0000,
0.0000


 40.9950, 78.3895,
10.5284

 40.9950, 78.3895,
10.5284


 37.7500, 79.9892,
10.7432

 57.2200, 70.3905,
9.4541

 73.4450, 62.3916,
8.3797

 89.6700, 54.3927,
7.3054

 105.8950, 46.3938,
6.2311

 122.1200, 38.3948,
5.1568

■ 138.3450, 30.3959,
4.0824

■ 154.5700, 22.3970,
3.0081

■ 170.7950, 14.3981,
1.9338

■ 187.0200, 6.3991,
0.8595

Harmonies

Analogous

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



71.0430, 81.8168, -62.3047



40.9950, 78.3895, 10.5284



64.5250, 31.2932, 89.8706

Triad

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



40.9950, 78.3895, 10.5284



52.0500, -25.6606, 63.9772



60.6450, 11.5140, -53.1857

Complementary

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



40.9950, 78.3895, 10.5284



163.0050, -78.3895, -10.5284

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.



49.8950, -24.5982, -43.7579



40.9950, 78.3895, 10.5284



57.5570, -28.3756, 1.2655

Square

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



40.9950, 78.3895, 10.5284



51.1290, -25.2066, 105.1269



47.5470, -23.4407, -41.6987



71.7540, 46.4633, -62.9283

Rectangle

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



40.9950, 78.3895, 10.5284



64.9470, 4.4631, 108.7945



47.5470, -23.4407, -41.6987



56.7520, -0.8637, -49.7715

Sweetspot

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



40.9950, 78.3895, 10.5284



195.1170, 29.5223, 4.2824



112.6330, 43.0719, -95.2711



91.4190, 18.0344, 2.2635



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



40.9950, 78.3895, 10.5284



48.2060, 101.9494, 13.8513



70.2970, 63.9436, 70.7765



91.6240, 3.6364, 0.3298



30.8410, 65.1544, 8.9094



6.7950, 14.3981, 1.9338

Inverse Universe

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



79.3620, 35.3175, 105.7995



98.0190, 45.8396, 137.6723



133.7030, -63.9436, -70.7765



93.4890, 1.7309, 4.8331



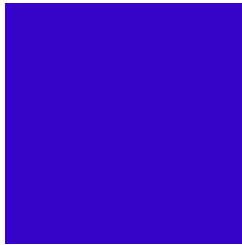
62.6450, 29.2620, 88.0113



13.8420, 6.4869, 19.4326

Previews

White Background



This preview shows how the YUV color 40.9950, 78.3895, 10.5284 looks on a white background.

Color Contrast Check

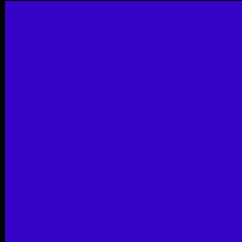
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.9950, 78.3895, 10.5284 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 40.9950, 78.3895, 10.5284

Background



This preview shows how black text looks on a background with the YUV color 40.9950, 78.3895, 10.5284.



This preview shows how white text looks on a background with the YUV color 40.9950, 78.3895,

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

40.9950, 78.3895, 10.5284

Protanopia

51.9150, 38.9889, -45.5295

Deuteranopia

52.0970, 29.5322, -45.6891



Tritanopia

50.9280, 12.3605, -44.6639

Trichromacy



Original Color

40.9950, 78.3895, 10.5284

Protanomaly

48.1190, 53.1853, -25.5374

Deuteranomaly

47.9250, 47.3650, -25.3672

Tritanomaly

47.0640, 36.4504, -24.6121

Monochromacy



Original Color

40.9950, 78.3895, 10.5284

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.1770, 28.5067, 3.3528

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.9950, 78.3895, 10.5284 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(53, 4, 200)` looks like.

```
.text, #text, p{  
    color:rgb(53, 4, 200)  
}
```

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(53, 4, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 4, 200) }
```

Border

The CSS property to change the border of an element to YUV 40.9950, 78.3895, 10.5284 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(53, 4, 200) }
```


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

```
.border{ border-color:rgb(53, 4, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 4, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 4, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 4, 200);  
box-shadow:4px 4px 4px 4px rgb(53, 4, 200)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.9950, 78.3895, 10.5284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 4, 200) }
```

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

```
.background{ background-color: rgb(53, 4,  
200) }
```

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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