

Converting Colors

YUV(153.7950, 41.5131,
31.7518)

Have a look what the booklet for
YUV(153.7950, 41.5131, 31.7518)
contains.

YUV(153.7950, 41.5131, 31.7518)	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(153.7950, 41.5131,
31.7518)**

Conversions

Conversions Part 1

Format	Color
Hex	BE77EE
RGB	190, 119, 238
RGB Percent	75%, 47%, 93%
CMY	0.2549, 0.5333, 0.0667
CMYK	0.20, 0.50, 0.00, 0.07
HSL	276°, 78%, 70%
HSV	276°, 50%, 93%
XYZ	43.2646, 30.3138, 84.4598
YIQ	153.7950, 4.1170, 52.0610

Conversions

Conversions Part 2

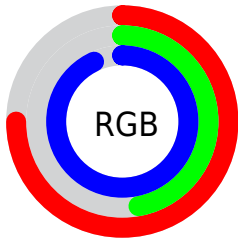
Format	Color
R _Y B	190, 119, 238
Decimal	12482542
CIE _{Lab}	61.92, 48.74, -49.41
CIE _{LCh}	62, 69.408, 314.610
Yxy	30.3138, 0.2738, 0.1918
Android (android.graphics.Color)	4290672622 (0xFFBE77EE)
YUV	153.7950, 41.5131, 31.7518
Hunter-Lab	55.0580, 43.9140, -52.4111

Details

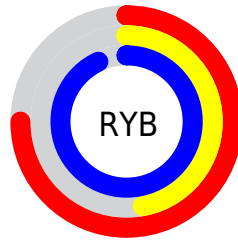
The YUV color **153.7950, 41.5131, 31.7518** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **203.2050, -41.5131, -31.7518**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.7730, 24.7619, 37.9101**, and **100.0290, 39.9187, 29.7926** is the 20% darker color. If you saturate the color by 10%, you get **136.7170, 49.9325, 37.9592**, and if you desaturate by 10%, it is **170.8730, 33.0936, 25.5444**.

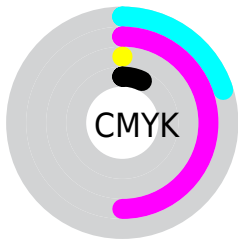
Distribution



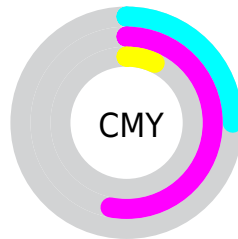
- Red (75%)
- Green (47%)
- Blue (93%)



- Red (75%)
- Yellow (47%)
- Blue (93%)



- Cyan (20%)
- Magenta (50%)
- Yellow (0%)
- Black (7%)




- Cyan (25%)
- Magenta (53%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 153.7950, 41.5131, 31.7518 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 153.7950, 41.5131, 31.7518 by changing the saturation by 10% instead.


 153.7950, 41.5131,
31.7518


 153.7950, 41.5131,
31.7518


255.0000, 0.0000,
0.0000

 126.8550, 40.4975,
30.8222

 204.7730, 24.7619,
37.9101


 100.0290, 39.9187,
29.7926


 223.3020, 15.6271,
27.7991

 73.9040, 39.4873,
28.1482

 240.3250, 7.2348,
12.8700

 45.2570, 40.7923,
29.5926

 27.1760, 36.8882,
21.7706

 16.8510, 29.6535,
8.9007

 6.1560, 23.5871,

-5.3988

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 153.7950, 41.5131,
31.7518

■ 153.7950, 41.5131,
31.7518

■ 136.7170, 49.9325,
37.9592

■ 170.8730, 33.0936,
25.5444

■ 119.9380, 58.2046,
44.7814

■ 187.6520, 24.8216,
18.7222

■ 103.4470, 66.3346,
50.4740

■ 204.1430, 16.6915,
13.0296

■ 86.6680, 74.6067,
57.2962

■ 220.9220, 8.4195,
6.2074

69.5900, 83.0261,
63.5036

238.0000, 0.0000,
0.0000

250.9690, -6.3937,
-2.6038

253.0620, -7.4256,
1.6996

Harmonies

Analogous

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



137.1860, 58.0823, -56.2911



153.7950, 41.5131, 31.7518



147.9360, 17.7796, 84.2481

Triad

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



153.7950, 41.5131, 31.7518



140.9960, -67.5390, 56.1315



124.8920, 26.6752, -109.5303

Complementary

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



153.7950, 41.5131, 31.7518



203.2050, -41.5131, -31.7518

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.



116.4220, -0.7010, -102.1021



153.7950, 41.5131, 31.7518



136.7210, -67.4035, 12.5227

Square

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



153.7950, 41.5131, 31.7518



143.7620, -38.8297, 87.9087



128.6810, -36.8177, -44.4472



129.5150, 52.0041, -113.5847

Rectangle

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



153.7950, 41.5131, 31.7518



142.4420, 0.2751, 98.7134



128.6810, -36.8177, -44.4472



122.4980, 17.5025, -107.4307

Sweetspot

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



153.7950, 41.5131, 31.7518



228.2090, 13.2080, 10.3407



161.9160, 37.5094, -37.6373



111.5090, 8.1301, 5.6926



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.



153.7950, 41.5131, 31.7518



146.6510, 53.4161, 40.6481



167.0070, 30.0695, 62.2609



111.4610, 4.2097, 3.1037



53.8660, 64.1561, 49.2295



16.2510, 19.5963, 14.6889

Inverse Universe

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



160.0530, 3.4249, 68.3595



154.8150, 4.5282, 87.8622



189.9930, -30.0695, -62.2609



112.1580, 0.4151, 6.8774



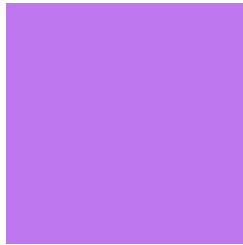
63.4520, 5.2002, 105.7206



19.3660, 1.7916, 32.1280

Previews

White Background



This preview shows how the YUV color 153.7950, 41.5131, 31.7518 looks on a white background.

Color Contrast Check

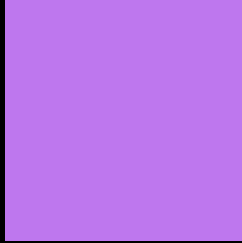
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 153.7950, 41.5131, 31.7518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

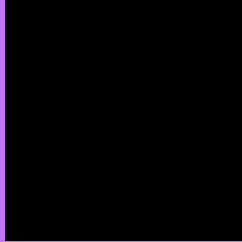
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.7950, 41.5131, 31.7518 Background



This preview shows how black text looks on a background with the YUV color 153.7950, 41.5131, 31.7518.



This preview shows how white text looks on a background with the YUV color 153.7950, 41.5131, 31.7518.

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

153.7950, 41.5131, 31.7518

Protanopia

145.5690, 53.9495, -37.3330

Deuteranopia

146.7900, 42.0085, -34.0188



Tritanopia

152.0180, -0.5019, 21.0322

Trichromacy



Original Color

153.7950, 41.5131, 31.7518



Protanomaly

148.5830, 49.5056, -11.9123



Deuteranomaly

149.5310, 41.6432, -10.1127



Tritanomaly

152.4650, 15.0538, 25.0252

Monochromacy



Original Color

153.7950, 41.5131, 31.7518



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

153.7900, 15.3865, 11.5852

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.7950, 41.5131, 31.7518 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(190, 119, 238)` looks like.

```
.text, #text, p{  
    color:rgb(190, 119, 238)  
}
```

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(190, 119, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 119, 238) }
```

Border

The CSS property to change the border of an element to YUV 153.7950, 41.5131, 31.7518 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(190, 119, 238) }
```


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

```
.border{ border-color:rgb(190, 119, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 119, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 119, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 119, 238);  
box-shadow:4px 4px 4px 4px rgb(190, 119,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 153.7950, 41.5131, 31.7518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 119, 238) }
```

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

```
.background{ background-color: rgb(190,  
119, 238) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor