

Converting Colors

YUV(151.6100, 35.1953, 4.7270)

Have a look what the booklet for
YUV(151.6100, 35.1953, 4.7270)
contains.

YUV(151.6100, 35.1953, 4.7270)	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(151.6100, 35.1953,
4.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	9D87DF
RGB	157, 135, 223
RGB Percent	62%, 53%, 87%
CMY	0.3843, 0.4706, 0.1255
CMYK	0.30, 0.39, 0.00, 0.13
HSL	255°, 58%, 70%
HSV	255°, 39%, 87%
XYZ	35.8879, 29.8238, 73.6771
YIQ	151.6100, -15.1360, 32.0320

Conversions

Conversions Part 2

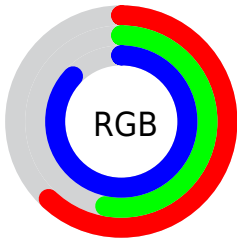
Format	Color
R _Y B	157, 135, 223
Decimal	10323935
CIE Lab	61.50, 27.33, -41.96
CIE LCh	62, 50.075, 303.075
Yxy	29.8238, 0.2575, 0.2140
Android (android.graphics.Color)	4288514015 (0xFF9D87DF)
YUV	151.6100, 35.1953, 4.7270
Hunter-Lab	54.6111, 21.7324, -41.7617

Details

The YUV color **151.6100, 35.1953, 4.7270** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **206.3900, -35.1953, -4.7270**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.1130, 25.5803, 8.6709**, and **99.7300, 33.1641, 2.8678** is the 20% darker color. If you saturate the color by 10%, you get **133.6130, 44.0678, 5.6014**, and if you desaturate by 10%, it is **169.6070, 26.3227, 3.8527**.

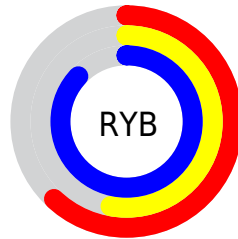
Distribution



Red (62%)

Green (53%)

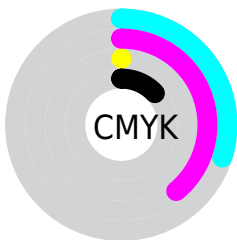
Blue (87%)



Red (62%)

Yellow (53%)

Blue (87%)

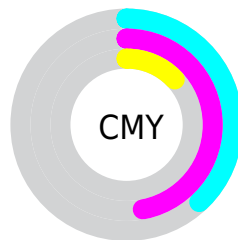


Cyan (30%)

Magenta (39%)

Yellow (0%)

Black (13%)



Cyan (38%)

Magenta (47%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.6100, 35.1953, 4.7270 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 151.6100, 35.1953, 4.7270 by changing the saturation by 10% instead.

151.6100, 35.1953,
4.7270

151.6100, 35.1953,
4.7270

255.0000, 0.0000,
0.0000

125.6700, 34.1797,
3.7974

203.1130, 25.5803,
8.6709

99.7300, 33.1641,
2.8678

228.2200, 13.2025,
12.0851

75.4910, 32.2959,
1.3234

249.1300, 2.8939,
5.1480

50.9530, 31.5752,
-0.8358

27.1050, 31.0072,
-5.3541

7.5240, 28.8287,
-6.5985

6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 151.6100, 35.1953,
4.7270

■ 151.6100, 35.1953,
4.7270

■ 133.6130, 44.0678,
5.6014

■ 169.6070, 26.3227,
3.8527

■ 115.3280, 53.0823,
7.6053

■ 187.8920, 17.3082,
1.8487

■ 97.3310, 61.9548,
8.4797

■ 205.8890, 8.4357,
0.9743

■ 79.3340, 70.8273,
9.3541

■ 223.8860, -0.4368,
0.1000

■ 61.3370, 79.6999,
10.2285

■ 242.4700, -9.5987,
-1.2892

■ 43.0520, 88.7144,
12.2324

■ 251.3520,
-13.9775, 3.1993

■ 42.1660, 89.1512,
12.1324

Harmonies

Analogous

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



137.4710, 49.0678, -58.2951



151.6100, 35.1953, 4.7270



152.7050, 17.8934, 47.6167

Triad

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



151.6100, 35.1953, 4.7270



146.6450, -38.2790, 51.1773



117.7050, 16.9074, -103.2273

Complementary

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



151.6100, 35.1953, 4.7270



206.3900, -35.1953, -4.7270

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.



128.4660, -10.5827, -59.1677



151.6100, 35.1953, 4.7270



143.6770, -43.7178, 22.2083

Square

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



151.6100, 35.1953, 4.7270



147.7070, -22.0406, 69.5400



139.0900, -33.5684, -13.2339



122.1340, 36.4159, -107.1115

Rectangle

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



151.6100, 35.1953, 4.7270



150.7860, 5.0355, 65.0857



139.0900, -33.5684, -13.2339



115.2940, 10.2081, -101.1128

Sweetspot

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



151.6100, 35.1953, 4.7270



229.9260, 12.3615, 1.8189



183.7740, 19.3384, -42.7748



113.2480, 7.2727, 0.6595



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.



151.6100, 35.1953, 4.7270



157.6500, 47.9936, 6.4460



164.7660, 28.7094, 31.7772



103.1510, 4.3626, 0.7446



33.2200, 70.3905, 9.4541



9.0600, 19.1974, 2.5784

Inverse Universe

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



168.8360, 15.8569, 47.5018



181.1400, 21.6230, 64.7752



193.2340, -28.7094, -31.7772



105.2010, 1.8729, 5.9627



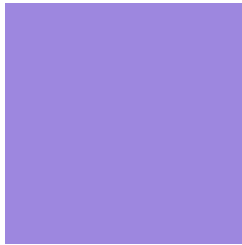
67.6720, 31.7137, 95.0037



18.4560, 8.6492, 25.9101

Previews

White Background



This preview shows how the YUV color 151.6100, 35.1953, 4.7270 looks on a white background.

Color Contrast Check

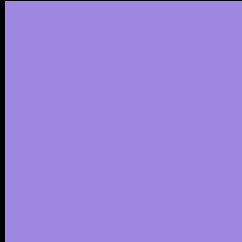
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.6100, 35.1953, 4.7270 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 × Fail

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

YUV 151.6100, 35.1953, 4.7270

Background



This preview shows how black text looks on a background with the YUV color 151.6100, 35.1953, 4.7270.



This preview shows how white text looks on a background with the YUV color 151.6100, 35.1953,

4.7270.

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

151.6100, 35.1953, 4.7270

Protanopia

147.1330, 41.8394, -26.4266

Deuteranopia

146.9390, 36.0191, -26.2565



Tritanopia

148.1720, 5.8312, -3.6588

Trichromacy



Original Color

151.6100, 35.1953, 4.7270

Protanomaly

148.9280, 39.4755, -14.8459

Deuteranomaly

148.6030, 35.6917, -14.5608

Tritanomaly

149.3540, 16.5875, -0.3105

Monochromacy



Original Color

151.6100, 35.1953, 4.7270

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.0400, 12.7983, 1.7189

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.6100, 35.1953, 4.7270 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(157, 135, 223)` looks like.

```
.text, #text, p{  
    color:rgb(157, 135, 223)  
}
```

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(157, 135, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 135, 223) }
```

Border

The CSS property to change the border of an element to YUV 151.6100, 35.1953, 4.7270 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(157, 135, 223) }
```


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

```
.border{ border-color:rgb(157, 135, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 135, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 135, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 135, 223);  
box-shadow:4px 4px 4px 4px rgb(157, 135,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 151.6100, 35.1953, 4.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 135, 223) }
```

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

```
.background{ background-color: rgb(157,  
135, 223) }
```

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