

Converting Colors

XYZ(60.2961, 53.2120, 98.9741)

Have a look what the booklet for
XYZ(60.2961, 53.2120, 98.9741)
contains.

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Color

**XYZ(60.4703, 53.3724,
99.2102)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B4FC
RGB	210, 180, 252
RGB Percent	82%, 71%, 99%
CMY	0.1765, 0.2941, 0.0118
CMYK	0.17, 0.29, 0.00, 0.01
HSL	265°, 92%, 85%
HSV	265°, 29%, 99%
XYZ	60.4703, 53.3724, 99.2102
YIQ	197.1780, -5.2320, 28.7520

Conversions

Conversions Part 2

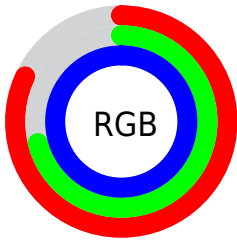
Format	Color
R _Y B	210, 180, 252
Decimal	13808892
CIE Lab	78.09, 24.46, -31.66
CIE LCh	78, 40.007, 307.684
Yxy	53.3724, 0.2838, 0.2505
Android (android.graphics.Color)	4291998972 (0xFFD2B4FC)
YUV	197.1780, 27.0272, 11.2449
Hunter-Lab	73.0564, 19.8994, -29.3760

Details

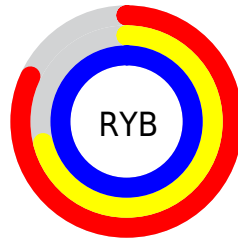
The XYZ color **60.4703, 53.3724, 99.2102** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **73.1744, 88.4469, 56.3975**, and the grayscale version is **53.0240, 55.7854, 60.7503**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **30.9573, 26.0874, 55.0335** is the 20% darker color. If you saturate the color by 10%, you get **51.8435, 42.0483, 97.4800**, and if you desaturate by 10%, it is **70.4098, 66.7486, 101.2691**.

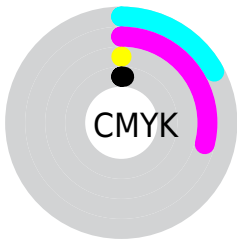
Distribution



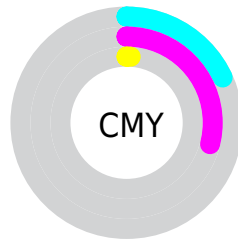
- Red (82%)
- Green (71%)
- Blue (99%)



- Red (82%)
- Yellow (71%)
- Blue (99%)



- Cyan (17%)
- Magenta (29%)
- Yellow (0%)
- Black (1%)



- Cyan (18%)
- Magenta (29%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4703, 53.3724, 99.2102 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 XYZ color 60.4703, 53.3724, 99.2102 by changing the saturation by 10% instead.

60.4703, 53.3724,
99.2102

60.4703, 53.3724,
99.2102

416.1361,
399.7122, 578.8826

44.0487, 38.1001,
75.0279

104.6141, 95.1521,
162.1138

30.9069, 26.0604,
55.1339

133.0670,
122.4284, 201.6722

20.6794, 16.8688,
39.1096

166.2610,
154.4748, 247.1930

13.0010, 10.1410,
26.5365

204.5616,
191.6756, 299.0948

7.5062, 5.4926,
16.9961

248.3340,
234.4154, 357.7961

3.8298, 2.5391,
10.0698

297.9437,

1.6063, 0.8961,

283.0785, 423.7155

5.3390

353.7560,
338.0493, 497.2714

■ 0.3965, 0.0000,
2.3853

■ 0.0000, 0.0000,
0.7784

■ 60.4703, 53.3724,
99.2102

■ 60.4703, 53.3724,
99.2102

■ 51.8435, 42.0483,
97.4800

■ 70.4098, 66.7486,
101.2691

■ 44.4638, 32.6642,
96.0576

■ 81.7132, 82.2683,
103.6689

■ 38.2673, 25.1069,
94.9255

■ 94.2416, 99.6386,
106.3614

■ 33.1816, 19.2484,
94.0627

■ 94.5708, 99.8083,
106.3768

■ 29.1252, 14.9434,
93.4456

■ 26.0034, 12.0206,
93.0460

■ 23.6856, 10.2387,
92.8242

■ 23.3965, 10.0316,
92.7994

Harmonies

Analogous

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



52.7627, 53.3724, 111.9816



60.4703, 53.3724, 99.2102



65.9224, 53.3724, 76.0149

Triad

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



60.4703, 53.3724, 99.2102



56.6453, 53.3724, 26.7239



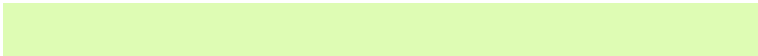
37.2586, 53.3724, 64.0538

Complementary

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



60.4703, 53.3724, 99.2102



73.1744, 88.4469, 56.3975

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.



38.0700, 53.3724, 43.2694



60.4703, 53.3724, 99.2102



48.7479, 53.3724, 25.0709

Square

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



60.4703, 53.3724, 99.2102



63.5608, 53.3724, 35.5944



42.0942, 53.3724, 30.2973



39.7518, 53.3724, 88.5567

Rectangle

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



60.4703, 53.3724, 99.2102



67.2555, 53.3724, 59.8681



42.0942, 53.3724, 30.2973



37.1590, 53.3724, 56.3934

Sweetspot

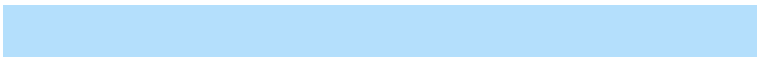
The Sweet Spot groups the original color and five complimentary colors.



60.4721, 53.3746, 99.2114



83.4057, 83.7701, 106.3810



62.8360, 69.6157, 102.2216



17.4733, 17.4064, 22.6888



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.4721, 53.3746, 99.2114



57.1265, 48.2336, 100.9069



71.4799, 59.0493, 99.7266



16.9683, 16.9963, 21.7716



12.3461, 5.3073, 48.3473



1.2610, 0.5522, 4.4833

Inverse Universe

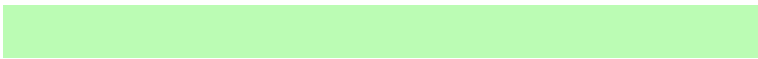
The Inverse Universe completely reimagines the original color for something new.



69.6525, 58.6139, 76.7516



68.0678, 54.4841, 73.8607



63.5928, 83.5074, 55.9491



17.6693, 17.3951, 20.1142



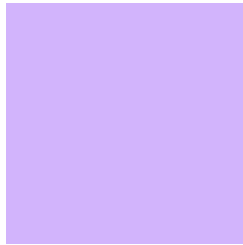
23.7305, 11.9079, 15.8212



2.2507, 1.1240, 1.7435

Previews

White Background



This preview shows how the XYZ color 60.4703, 53.3724, 99.2102 looks on a white background.

Color Contrast Check

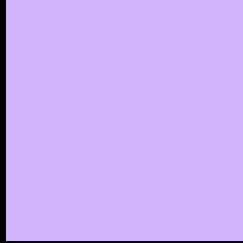
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 60.4703, 53.3724, 99.2102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

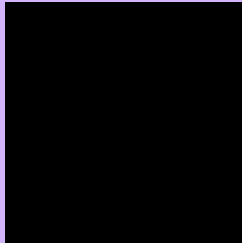
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4703, 53.3724, 99.2102

Background



This preview shows how black text looks on a background with the XYZ color 60.4703, 53.3724, 99.2102.



This preview shows how white text looks on a background with the XYZ color 60.4703, 53.3724,

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

60.4703, 53.3724, 99.2102

Protanopia

54.3600, 53.5956, 102.0876

Deuteranopia

54.9602, 53.6741, 97.9059



Tritanopia

53.4538, 53.3114, 64.5995

Trichromacy



Original Color

60.4703, 53.3724, 99.2102

Protanomaly

56.3988, 53.3878, 101.0983

Deuteranomaly

56.7097, 53.2893, 98.5637

Tritanomaly

55.7869, 53.3174, 75.7576

Monochromacy



Original Color

60.4703, 53.3724, 99.2102

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.5123, 54.8279, 73.3027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4703, 53.3724, 99.2102 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(210, 180, 252)` looks like.

```
.text, #text, p{  
    color:rgb(210, 180, 252)  
}
```

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(210, 180, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 180, 252) }
```

Border

The CSS property to change the border of an element to XYZ 60.4703, 53.3724, 99.2102 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(210, 180, 252) }
```


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

```
.border{ border-color:rgb(210, 180, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 180, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 180, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 180, 252);  
box-shadow:4px 4px 4px 4px rgb(210, 180,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4703, 53.3724, 99.2102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 180, 252) }
```

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

```
.background{ background-color: rgb(210,  
180, 252) }
```

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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