

Converting Colors

XYZ(60.1538, 51.9737,
101.4692)

Have a look what the booklet for
XYZ(60.1538, 51.9737, 101.4692)
contains.

| | |
|--|----|
| XYZ(60.1537, 51.9723, 101.4690) | 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

**XYZ(60.1537, 51.9723,
101.4690)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D2B0FF |
| RGB | 210, 176, 255 |
| RGB Percent | 82%, 69%, 100% |
| CMY | 0.1765, 0.3098, 0.0000 |
| CMYK | 0.18, 0.31, 0.00, 0.00 |
| HSL | 266°, 100%, 85% |
| HSV | 266°, 31%, 100% |
| XYZ | 60.1537, 51.9723, 101.4690 |
| YIQ | 195.1720, -5.0950, 31.7770 |

Conversions

Conversions Part 2

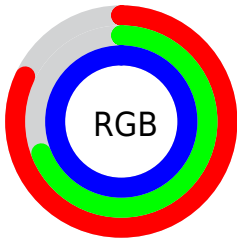
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 210, 176, 255 |
| Decimal | 13807871 |
| CIE Lab | 77.26, 27.28, -34.55 |
| CIE LCh | 77, 44.026, 308.294 |
| Yxy | 51.9723, 0.2816, 0.2433 |
| Android (android.graphics.Color) | 4291997951 (0xFFD2B0FF) |
| YUV | 195.1720, 29.4952, 13.0042 |
| Hunter-Lab | 72.0918, 22.7804, -32.9862 |

Details

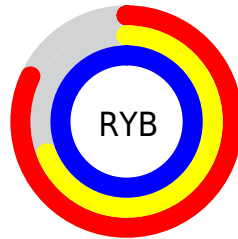
The XYZ color **60.1537, 51.9723, 101.4690** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **73.4162, 90.0272, 54.5840**, and the grayscale version is **51.8076, 54.5056, 59.3566**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **30.6024, 25.1132, 56.6605** is the 20% darker color. If you saturate the color by 10%, you get **51.6662, 40.8598, 99.7714**, and if you desaturate by 10%, it is **69.9587, 65.1606, 103.4978**.

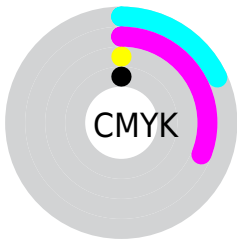
Distribution



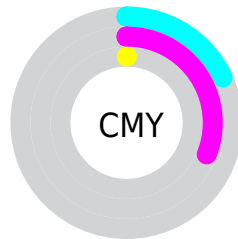
- Red (82%)
- Green (69%)
- Blue (100%)



- Red (82%)
- Yellow (69%)
- Blue (100%)



- Cyan (18%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1537, 51.9723, 101.4690 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 60.1537, 51.9723, 101.4690 by changing the saturation by 10% instead.

60.1537, 51.9723,
101.4690

60.1537, 51.9723,
101.4690

414.9897,
394.3297, 586.1791

43.7925, 36.9830,
76.9042

104.1577, 93.0904,
165.2439

30.7046, 25.1943,
56.6632

132.5311,
119.9880, 205.2911

20.5247, 16.2219,
40.3273

165.6394,
151.6237, 251.3362

12.8875, 9.6813,
27.4781

203.8477,
188.3821, 303.7978

7.4276, 5.1882,
17.6970

247.5216,
230.6475, 363.0943

3.7796, 2.3581,
10.5655

297.0263,

1.5782, 0.8042,

278.8043, 429.6443

5.6650

352.7273,
333.2369, 503.8664

■ 0.3782, 0.0000,
2.5770

■ 0.0000, 0.0000,
0.8805

■ 60.1537, 51.9723,
101.4690

■ 60.1537, 51.9723,
101.4690

■ 51.6662, 40.8598,
99.7714

■ 69.9587, 65.1606,
103.4978

■ 44.4290, 31.7063,
98.3860

■ 81.1348, 80.5205,
105.8735

■ 38.3753, 24.3927,
97.2934

■ 93.7379, 98.1493,
108.6119

■ 33.4296, 18.7840,
96.4715

■ 95.0500, 100.0000,
108.9000

■ 29.5061, 14.7256,
95.8949

■ 26.5036, 12.0330,
95.5334

■ 24.4491, 10.5188,
95.3495

Harmonies

Analogous

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



51.7766, 51.9723, 116.1699



60.1537, 51.9723, 101.4690



66.0634, 51.9723, 75.5787

Triad

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



60.1537, 51.9723, 101.4690



55.6469, 51.9723, 23.4579



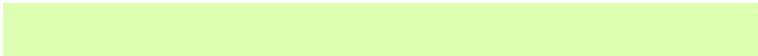
35.0157, 51.9723, 63.5626

Complementary

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



60.1537, 51.9723, 101.4690



73.4162, 90.0272, 54.5840

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.



35.8014, 51.9723, 41.0806



60.1537, 51.9723, 101.4690



47.0936, 51.9723, 21.9303

Square

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



60.1537, 51.9723, 101.4690



63.2620, 51.9723, 32.3956



40.0077, 51.9723, 27.3866



37.7239, 51.9723, 90.5567

Rectangle

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



60.1537, 51.9723, 101.4690



67.4612, 51.9723, 57.9838



40.0077, 51.9723, 27.3866



34.8867, 51.9723, 55.2168

Sweetspot

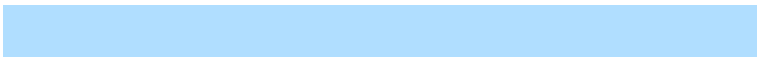
The Sweet Spot groups the original color and five complimentary colors.



60.1553, 51.9744, 101.4693



83.5137, 83.8258, 106.3861



62.0993, 68.7384, 104.6026



17.4998, 17.4201, 22.6900



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.



60.1553, 51.9744, 101.4693



54.8902, 45.0407, 100.4084



72.4356, 58.3051, 102.0440



17.7444, 17.7600, 22.7427



12.9383, 5.5804, 49.8298



1.3819, 0.6063, 4.8575

Inverse Universe

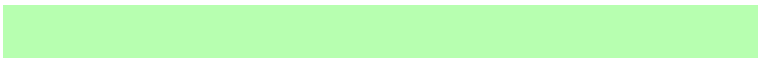
The Inverse Universe completely reimagines the original color for something new.



69.8175, 57.5329, 75.8329



66.1117, 51.5027, 70.3386



63.0273, 84.6715, 54.0978



18.4430, 18.1605, 20.9497



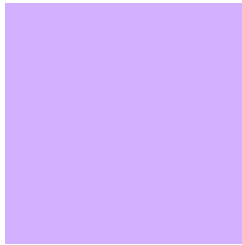
24.3058, 12.2116, 15.5269



2.4214, 1.2109, 1.8004

Previews

White Background



This preview shows how the XYZ color 60.1537, 51.9723, 101.4690 looks on a white background.

Color Contrast Check

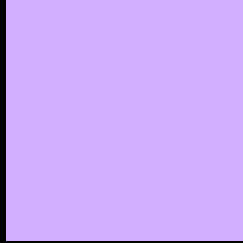
Large Text (above 18pt) WCAG AA × Fail

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 60.1537, 51.9723, 101.4690 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 60.1537, 51.9723, 101.4690

Background



This preview shows how black text looks on a background with the XYZ color 60.1537, 51.9723, 101.4690.



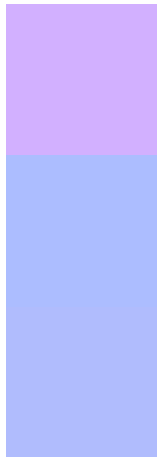
This preview shows how white text looks on a background with the XYZ color 60.1537, 51.9723,

101.4690.

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

60.1537, 51.9723, 101.4690

Protanopia

53.2609, 52.3858, 101.9121

Deuteranopia

53.6173, 52.2884, 100.1952



Tritanopia

52.4003, 52.1752, 62.5674

Trichromacy



Original Color

60.1537, 51.9723, 101.4690

Protanomaly

55.4402, 51.9401, 101.7112

Deuteranomaly

55.7689, 52.1281, 100.8883

Tritanomaly

54.8865, 51.9248, 75.5363

Monochromacy



Original Color

60.1537, 51.9723, 101.4690

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.3270, 53.2556, 73.0616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1537, 51.9723, 101.4690 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, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 176, 255)  
}
```

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, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 176, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.1537, 51.9723, 101.4690 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, 176, 255) }
```


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

```
.border{ border-color:rgb(210, 176, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 176,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1537, 51.9723, 101.4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 176, 255) }
```

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

```
.background{ background-color: rgb(210,  
176, 255) }
```

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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