

Converting Colors

XYZ(52.8446, 51.5849, 76.7093)

Have a look what the booklet for
XYZ(52.8446, 51.5849, 76.7093)
contains.

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Color

**XYZ(52.9164, 51.4950,
76.9626)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B9DF
RGB	194, 185, 223
RGB Percent	76%, 73%, 87%
CMY	0.2392, 0.2745, 0.1255
CMYK	0.13, 0.17, 0.00, 0.13
HSL	254°, 37%, 80%
HSV	254°, 17%, 87%
XYZ	52.9164, 51.4950, 76.9626
YIQ	192.0230, -6.8340, 13.7260

Conversions

Conversions Part 2

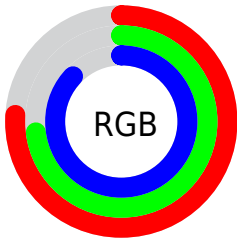
Format	Color
RYB	194, 185, 223
Decimal	12761567
CIELab	76.98, 10.56, -17.85
CIELCh	77, 20.740, 300.609
Yxy	51.4950, 0.2918, 0.2839
Android (android.graphics.Color)	4290951647 (0xFFC2B9DF)
YUV	192.0230, 15.2717, 1.7338
Hunter-Lab	71.7600, 6.0473, -13.3565

Details

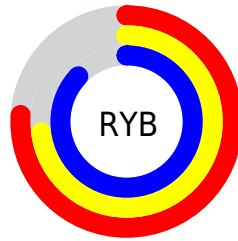
The XYZ color **52.9164, 51.4950, 76.9626** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.8780, 70.5756, 56.2098**, and the grayscale version is **50.0342, 52.6399, 57.3249**.

A 20% lighter version of the original color is **89.2890, 90.6398, 107.3969**, and **26.1344, 24.9051, 40.4755** is the 20% darker color. If you saturate the color by 10%, you get **44.4917, 40.7623, 75.3358**, and if you desaturate by 10%, it is **62.5762, 63.9532, 78.8590**.

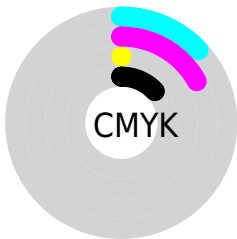
Distribution



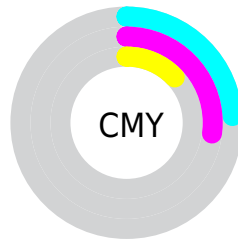
- Red (76%)
- Green (73%)
- Blue (87%)



- Red (76%)
- Yellow (73%)
- Blue (87%)



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9164, 51.4950, 76.9626 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 52.9164, 51.4950, 76.9626 by changing the saturation by 10% instead.

■ 52.9164, 51.4950,
76.9626

■ 52.9164, 51.4950,
76.9626

388.2304,
392.4839, 504.0708

■ 37.9632, 36.6027,
56.7108

■ 93.6476, 92.3860,
130.8592

■ 26.1312, 24.9000,
40.3653

120.1563,
119.1536, 165.3411

■ 17.0551, 16.0026,
27.5075

151.2477,
150.6483, 205.4035

■ 10.3693, 9.5260,
17.7189

187.2869,
187.2547, 251.4648

■ 5.7086, 5.0858,
10.5810

228.6395,
229.3570, 303.9436

■ 2.7077, 2.2977,
5.6753

275.6707,

■ 1.0011, 0.7725,

277.3397, 363.2586

2.5831

328.7459,
331.5872, 429.8281

■ 0.0000, 0.0000,
0.8837

■ 0.0000, 0.0000,
0.0000

■ 52.9164, 51.4950,
76.9626

■ 52.9164, 51.4950,
76.9626

■ 44.4917, 40.7623,
75.3358

■ 62.5762, 63.9532,
78.8590

■ 37.2465, 31.6721,
73.9631

■ 73.5143, 78.2023,
81.0328

■ 31.1281, 24.1438,
72.8325

■ 85.7772, 94.3121,
83.4960

■ 26.0775, 18.0876,
71.9297

■ 90.3194, 98.1078,
83.9892

■ 22.0302, 13.4045,
71.2391

■ 18.9144, 9.9827,
70.7428

■ 16.6476, 7.6922,
70.4202

■ 15.1271, 6.3661,
70.2444

■ 14.7775, 6.0794,
70.2075

Harmonies

Analogous

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



49.0252, 51.4950, 80.7673



52.9164, 51.4950, 76.9626



55.8682, 51.4950, 67.4423

Triad

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



52.9164, 51.4950, 76.9626



52.7693, 51.4950, 39.1650



41.7325, 51.4950, 56.3008

Complementary

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



52.9164, 51.4950, 76.9626



62.8780, 70.5756, 56.2098

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.



42.6177, 51.4950, 46.0527



52.9164, 51.4950, 76.9626



48.8638, 51.4950, 37.0019

Square

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



52.9164, 51.4950, 76.9626



55.7801, 51.4950, 45.7024



45.1764, 51.4950, 39.3473



42.6914, 51.4950, 67.8961

Rectangle

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



52.9164, 51.4950, 76.9626



56.8307, 51.4950, 59.6960



45.1764, 51.4950, 39.3473



41.8237, 51.4950, 52.5926

Sweetspot

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



52.9180, 51.4971, 76.9637



87.6268, 90.3341, 107.4255



57.4089, 63.8042, 79.1026



18.5401, 19.0552, 22.9508



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.



52.9180, 51.4971, 76.9637



67.9845, 65.0164, 103.5740



58.0718, 54.1541, 77.2049



13.2544, 13.3992, 17.2754



8.7727, 3.6178, 41.2843



0.6872, 0.2916, 2.8653

Inverse Universe

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



59.9197, 55.2432, 71.1256



78.9989, 70.9122, 94.2569



57.6865, 67.8993, 55.9669



14.1490, 13.8772, 16.5546



22.2162, 10.9535, 23.6019



1.5738, 0.7728, 1.8146

Previews

White Background



This preview shows how the XYZ color 52.9164, 51.4950, 76.9626 looks on a white background.

Color Contrast Check

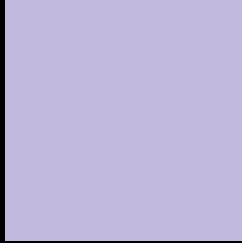
Large Text (above 18pt) WCAG AA × Fail

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 52.9164, 51.4950, 76.9626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

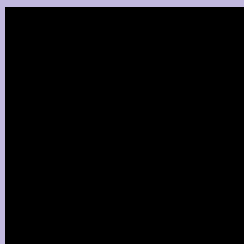
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9164, 51.4950, 76.9626

Background



This preview shows how black text looks on a background with the XYZ color 52.9164, 51.4950, 76.9626.



This preview shows how white text looks on a background with the XYZ color 52.9164, 51.4950,

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

52.9164, 51.4950, 76.9626

Protanopia

51.1023, 51.4700, 78.4755

Deuteranopia

52.6606, 51.3631, 76.9506



Tritanopia

50.2486, 51.3546, 63.7640

Trichromacy



Original Color

52.9164, 51.4950, 76.9626

Protanomaly

51.7184, 51.4873, 77.7332

Deuteranomaly

52.6606, 51.3631, 76.9506

Tritanomaly

51.1414, 51.4003, 68.1986

Monochromacy



Original Color

52.9164, 51.4950, 76.9626

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.9694, 52.0444, 63.8591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9164, 51.4950, 76.9626 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(194, 185, 223)` looks like.

```
.text, #text, p{  
    color:rgb(194, 185, 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(194, 185, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 185, 223) }
```

Border

The CSS property to change the border of an element to XYZ 52.9164, 51.4950, 76.9626 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(194, 185, 223) }
```


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

```
.border{ border-color:rgb(194, 185, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 185, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 185, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 185, 223);  
box-shadow:4px 4px 4px 4px rgb(194, 185,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9164, 51.4950, 76.9626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 185, 223) }
```

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

```
.background{ background-color: rgb(194,  
185, 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](#).

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