

Converting Colors

XYZ(51.2522, 48.5325, 76.1569)

Have a look what the booklet for
XYZ(51.2522, 48.5325, 76.1569)
contains.

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Color

**XYZ(51.2320, 48.5060,
76.4744)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B2DF
RGB	193, 178, 223
RGB Percent	76%, 70%, 87%
CMY	0.2431, 0.3019, 0.1255
CMYK	0.13, 0.20, 0.00, 0.13
HSL	260°, 41%, 79%
HSV	260°, 20%, 87%
XYZ	51.2320, 48.5060, 76.4744
YIQ	187.6150, -5.5050, 17.1750

Conversions

Conversions Part 2

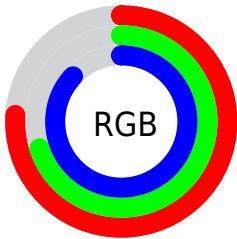
Format	Color
R _Y B	193, 178, 223
Decimal	12694239
CIE Lab	75.14, 14.06, -20.64
CIE LCh	75, 24.970, 304.263
Yxy	48.5060, 0.2907, 0.2753
Android (android.graphics.Color)	4290884319 (0xFFC1B2DF)
YUV	187.6150, 17.4448, 4.7226
Hunter-Lab	69.6462, 9.4242, -16.3504

Details

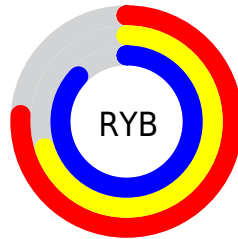
The XYZ color **51.2320, 48.5060, 76.4744** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **60.4377, 69.4009, 52.3321**, and the grayscale version is **47.4895, 49.9627, 54.4093**.

A 20% lighter version of the original color is **86.8972, 86.3896, 106.7026**, and **25.0490, 22.9834, 40.1618** is the 20% darker color. If you saturate the color by 10%, you get **43.5493, 38.4865, 74.9461**, and if you desaturate by 10%, it is **60.0200, 60.1685, 78.2631**.

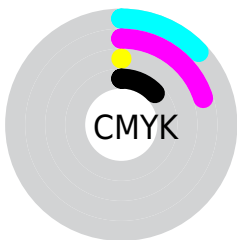
Distribution



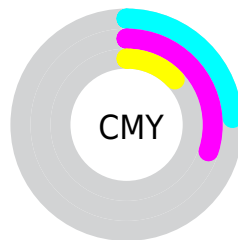
- Red (76%)
- Green (70%)
- Blue (87%)



- Red (76%)
- Yellow (70%)
- Blue (87%)



- Cyan (13%)
- Magenta (20%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2320, 48.5060, 76.4744 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 51.2320, 48.5060, 76.4744 by changing the saturation by 10% instead.

■ 51.2320, 48.5060,
76.4744

■ 51.2320, 48.5060,
76.4744

381.8373,
380.7943, 502.3601

■ 36.6151, 34.2278,
56.3126

■ 91.1786, 87.9573,
130.1635

■ 25.0819, 23.0686,
40.0479

117.2389,
113.8992, 164.5279

■ 16.2671, 14.6442,
27.2619

147.8444,
144.4977, 204.4636

■ 9.8054, 8.5701,
17.5358

183.3605,
180.1373, 250.3891

■ 5.3314, 4.4618,
10.4513

224.1525,
221.2024, 302.7229

■ 2.4797, 1.9351,
5.5897

270.5857,

■ 0.8851, 0.5694,

268.0773, 361.8837

2.5325

323.0255,
321.1465, 428.2899

■ 0.0000, 0.0000,
0.8573

■ 0.0000, 0.0000,
0.0000

■ 51.2320, 48.5060,
76.4744

■ 51.2320, 48.5060,
76.4744

■ 43.5493, 38.4865,
74.9461

■ 60.0200, 60.1685,
78.2631

■ 36.9214, 30.0285,
73.6629

■ 69.9519, 73.5383,
80.3202

■ 31.3004, 23.0526,
72.6127

■ 81.0701, 88.6836,
82.6576

■ 26.6327, 17.4699,
71.7811

■ 89.3953, 97.6314,
83.9459

■ 22.8591, 13.1816,
71.1523

■ 90.3194, 98.1078,
83.9891

■ 19.9132, 10.0753,
70.7080

■ 17.7176, 8.0183,
70.4267

■ 16.1687, 6.7966,
70.2725

Harmonies

Analogous

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



46.7601, 48.5060, 82.1104



51.2320, 48.5060, 76.4744



54.4844, 48.5060, 64.5191

Triad

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



51.2320, 48.5060, 76.4744



50.0272, 48.5060, 33.2270



37.8808, 48.5060, 54.7086

Complementary

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



51.2320, 48.5060, 76.4744



60.4377, 69.4009, 52.3321

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.



38.6293, 48.5060, 42.6192



51.2320, 48.5060, 76.4744



45.4531, 48.5060, 31.4761

Square

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



51.2320, 48.5060, 76.4744



53.7572, 48.5060, 39.8706



41.3292, 48.5060, 34.6202



39.2131, 48.5060, 68.2950

Rectangle

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



51.2320, 48.5060, 76.4744



55.4153, 48.5060, 55.3716



41.3292, 48.5060, 34.6202



37.8981, 48.5060, 50.3380

Sweetspot

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



51.2335, 48.5080, 76.4755



86.7081, 88.7401, 107.1663



54.4202, 60.2726, 78.5783



18.3722, 18.7429, 22.8994



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.



51.2335, 48.5080, 76.4755



65.0868, 60.0406, 102.7663



57.1922, 51.5798, 76.7543



13.3803, 13.4641, 17.2813



9.6142, 4.0516, 41.3237



0.7591, 0.3286, 2.8687

Inverse Universe

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



57.7386, 52.0849, 66.6870



75.4252, 65.7298, 87.0077



54.7357, 66.4614, 52.0652



14.0907, 13.8539, 16.2476



21.1221, 10.5158, 17.8403



1.5051, 0.7453, 1.4526

Previews

White Background



This preview shows how the XYZ color 51.2320, 48.5060, 76.4744 looks on a white background.

Color Contrast Check

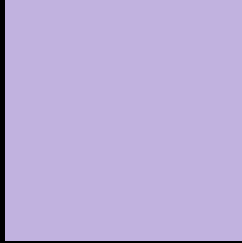
Large Text (above 18pt) WCAG AA × Fail

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 51.2320, 48.5060, 76.4744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

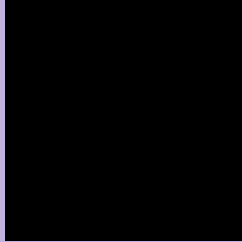
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.2320, 48.5060, 76.4744

Background



This preview shows how black text looks on a background with the XYZ color 51.2320, 48.5060, 76.4744.



This preview shows how white text looks on a background with the XYZ color 51.2320, 48.5060,

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

51.2320, 48.5060, 76.4744

Protanopia

48.4778, 48.5270, 79.4846

Deuteranopia

49.7163, 48.6360, 75.8746



Tritanopia

47.9978, 48.7170, 59.6969

Trichromacy



Original Color

51.2320, 48.5060, 76.4744

Protanomaly

49.5427, 48.4838, 78.6986

Deuteranomaly

50.2451, 48.6078, 75.8413

Tritanomaly

48.8997, 48.4511, 65.1672

Monochromacy



Original Color

51.2320, 48.5060, 76.4744

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.9183, 49.4452, 62.2239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2320, 48.5060, 76.4744 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(193, 178, 223)` looks like.

```
.text, #text, p{  
    color:rgb(193, 178, 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(193, 178, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 178, 223) }
```

Border

The CSS property to change the border of an element to XYZ 51.2320, 48.5060, 76.4744 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(193, 178, 223) }
```


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

```
.border{ border-color:rgb(193, 178, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 178, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 178, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 178, 223);  
box-shadow:4px 4px 4px 4px rgb(193, 178,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2320, 48.5060, 76.4744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 178, 223) }
```

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

```
.background{ background-color: rgb(193,  
178, 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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