

Converting Colors

XYZ(52.5531, 52.3433, 81.8287)

Have a look what the booklet for
XYZ(52.5531, 52.3433, 81.8287)
contains.

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Color

**XYZ(52.7302, 52.5475,
82.2264)**

Conversions

Conversions Part 1

Format	Color
Hex	BABDE6
RGB	186, 189, 230
RGB Percent	73%, 74%, 90%
CMY	0.2706, 0.2588, 0.0980
CMYK	0.19, 0.18, 0.00, 0.10
HSL	236°, 47%, 82%
HSV	236°, 19%, 90%
XYZ	52.7302, 52.5475, 82.2264
YIQ	192.7770, -14.9490, 12.1150

Conversions

Conversions Part 2

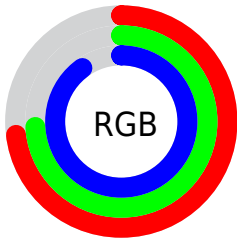
Format	Color
R _Y B	186, 189, 230
Decimal	12238310
CIE Lab	77.61, 7.37, -20.74
CIE LCh	78, 22.007, 289.553
Yxy	52.5475, 0.2812, 0.2802
Android (android.graphics.Color)	4290428390 (0xFFBABDE6)
YUV	192.7770, 18.3509, -5.9434
Hunter-Lab	72.4897, 2.9870, -16.5110

Details

The XYZ color **52.7302, 52.5475, 82.2264** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.9655, 75.3061, 57.3563**, and the grayscale version is **50.4610, 53.0889, 57.8138**.

A 20% lighter version of the original color is **87.6646, 91.5795, 107.6639**, and **25.9599, 25.5698, 43.6116** is the 20% darker color. If you saturate the color by 10%, you get **43.3118, 41.3480, 80.5619**, and if you desaturate by 10%, it is **63.7324, 65.5772, 84.1624**.

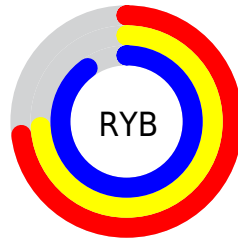
Distribution



Red (73%)

Green (74%)

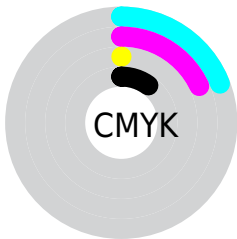
Blue (90%)



Red (73%)

Yellow (74%)

Blue (90%)

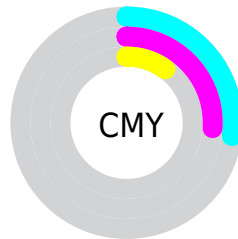


Cyan (19%)

Magenta (18%)

Yellow (0%)

Black (10%)



Cyan (27%)

Magenta (26%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7302, 52.5475, 82.2264 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 52.7302, 52.5475, 82.2264 by changing the saturation by 10% instead.

■ 52.7302, 52.5475,
82.2264

■ 52.7302, 52.5475,
82.2264

387.5270,
396.5466, 522.3080

■ 37.8140, 37.4417,
61.0153

■ 93.3751, 93.9382,
138.3310

■ 26.0150, 25.5496,
43.8069

119.8346,
120.9918, 174.0615

■ 16.9676, 16.4870,
30.1826

150.8725,
152.7969, 215.4689

■ 10.3065, 9.8694,
19.7240

186.8543,
189.7377, 262.9717

■ 5.6665, 5.3125,
12.0125

228.1453,
232.1987, 316.9885

■ 2.6821, 2.4317,
6.6296

275.1108,

■ 0.9880, 0.8422,

280.5642, 377.9378

3.1566

328.1163,
335.2187, 446.2381

■ 0.0000, 0.0000,
1.1751

■ 0.0000, 0.0000,
0.0000

■ 52.7302, 52.5475,
82.2264

■ 52.7302, 52.5475,
82.2264

■ 43.3118, 41.3480,
80.5619

■ 63.7324, 65.5772,
84.1624

■ 35.3995, 31.8906,
79.1535

■ 76.3815, 80.5072,
86.3775

■ 28.9166, 24.0897,
77.9895

■ 90.7421, 97.4113,
88.8834

■ 23.7776, 17.8495,
77.0558

■ 91.2831, 98.4932,
89.0637

■ 19.8878, 13.0649,
76.3373

■ 17.1400, 9.6175,
75.8167

■ 15.4092, 7.3702,
75.4742

■ 14.5173, 6.1446,
75.2846

■ 14.4639, 6.0748,
75.2740

Harmonies

Analogous

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



48.4775, 52.5475, 83.4573



52.7302, 52.5475, 82.2264



56.4259, 52.5475, 73.7823

Triad

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



52.7302, 52.5475, 82.2264



55.4365, 52.5475, 41.1880



42.3312, 52.5475, 53.0753

Complementary

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



52.7302, 52.5475, 82.2264



68.9655, 75.3061, 57.3563

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.



43.9801, 52.5475, 43.3348



52.7302, 52.5475, 82.2264



51.4414, 52.5475, 37.1465

Square

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



52.7302, 52.5475, 82.2264



58.0486, 52.5475, 49.7341



47.2593, 52.5475, 37.8723



42.6327, 52.5475, 65.4115

Rectangle

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



52.7302, 52.5475, 82.2264



58.0004, 52.5475, 65.7875



47.2593, 52.5475, 37.8723



42.6719, 52.5475, 49.4221

Sweetspot

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



52.7318, 52.5496, 82.2276



85.2630, 88.4519, 107.1868



62.3208, 72.5430, 82.9100



18.0317, 18.6748, 22.9042



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.



52.7318, 52.5496, 82.2276



61.6419, 60.4744, 103.0316



56.8363, 53.7168, 82.2365



13.6614, 14.0442, 18.1351



8.2198, 3.5018, 42.6259



0.6353, 0.3146, 3.1592

Inverse Universe

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



59.3786, 55.6162, 55.7520



71.5255, 65.0845, 63.6521



64.2161, 74.0873, 57.3713



14.4167, 14.3839, 15.1287



18.5425, 9.5512, 1.2199



1.3843, 0.7114, 0.1643

Previews

White Background



This preview shows how the XYZ color 52.7302, 52.5475, 82.2264 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 52.7302, 52.5475, 82.2264 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 52.7302, 52.5475, 82.2264

Background



This preview shows how black text looks on a background with the XYZ color 52.7302, 52.5475, 82.2264.



This preview shows how white text looks on a background with the XYZ color 52.7302, 52.5475,

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

52.7302, 52.5475, 82.2264

Protanopia

52.3657, 52.6637, 83.0064

Deuteranopia

53.5391, 52.3302, 82.1418



Tritanopia

49.7465, 52.6391, 67.2129

Trichromacy



Original Color

52.7302, 52.5475, 82.2264

Protanomaly

52.6044, 52.7868, 83.0176

Deuteranomaly

53.2524, 52.4984, 82.1894

Tritanomaly

50.7727, 52.7244, 72.4666

Monochromacy



Original Color

52.7302, 52.5475, 82.2264

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.2254, 53.1027, 65.9425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7302, 52.5475, 82.2264 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(186, 189, 230)` looks like.

```
.text, #text, p{  
    color:rgb(186, 189, 230)  
}
```

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(186, 189, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 189, 230) }
```

Border

The CSS property to change the border of an element to XYZ 52.7302, 52.5475, 82.2264 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(186, 189, 230) }
```


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

```
.border{ border-color:rgb(186, 189, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 189, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 189, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 189, 230);  
box-shadow:4px 4px 4px 4px rgb(186, 189,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7302, 52.5475, 82.2264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 189, 230) }
```

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

```
.background{ background-color: rgb(186,  
189, 230) }
```

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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