

Converting Colors

XYZ(53.0753, 50.0598, 62.7422)

Have a look what the booklet for
XYZ(53.0753, 50.0598, 62.7422)
contains.

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Color

**XYZ(53.0753, 50.0598,
62.7422)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B3CA
RGB	209, 179, 202
RGB Percent	82%, 70%, 79%
CMY	0.1804, 0.2980, 0.2078
CMYK	0.00, 0.14, 0.03, 0.18
HSL	314°, 25%, 76%
HSV	314°, 14%, 82%
XYZ	53.0753, 50.0598, 62.7422
YIQ	190.5920, 10.4970, 13.5130

Conversions

Conversions Part 2

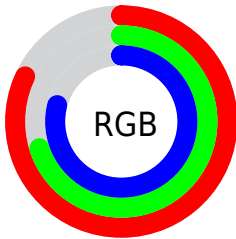
Format	Color
R _Y B	209, 179, 202
Decimal	13743050
CIE Lab	76.11, 14.73, -7.63
CIE LCh	76, 16.587, 332.629
Yxy	50.0598, 0.3200, 0.3018
Android (android.graphics.Color)	4291933130 (0xFFD1B3CA)
YUV	190.5920, 5.6241, 16.1438
Hunter-Lab	70.7530, 10.0840, -3.0500

Details

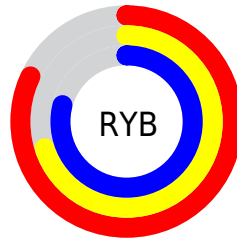
The XYZ color **53.0753, 50.0598, 62.7422** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.2558, 58.7313, 55.1448**, and the grayscale version is **49.2506, 51.8155, 56.4270**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **26.1326, 23.9299, 31.2586** is the 20% darker color. If you saturate the color by 10%, you get **48.6318, 42.0819, 58.4571**, and if you desaturate by 10%, it is **58.1748, 59.3191, 67.3373**.

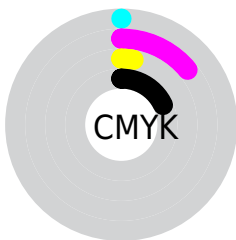
Distribution



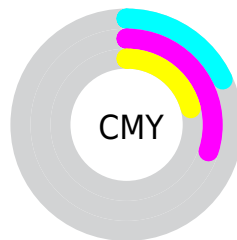
- Red (82%)
- Green (70%)
- Blue (79%)



- Red (82%)
- Yellow (70%)
- Blue (79%)



- Cyan (0%)
- Magenta (14%)
- Yellow (3%)
- Black (18%)





- Cyan (18%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0753, 50.0598, 62.7422 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 53.0753, 50.0598, 62.7422 by changing the saturation by 10% instead.


 53.0753, 50.0598,
62.7422

 53.0753, 50.0598,
62.7422


388.8301,
386.8998, 452.7154

 38.0906, 35.4609,
45.1930

 93.8800, 90.2635,
110.3795

 26.2305, 24.0181,
31.2654


120.4308,
116.6371, 141.3047

 17.1298, 15.3471,
20.5409


151.5676,
147.7043, 177.5256

 10.4229, 9.0633,
12.6009

187.6558,
183.8497, 219.4608

 5.7447, 4.7825,
7.0268

229.0609,
225.4575, 267.5289

 2.7296, 2.1202,
3.4002

276.1480,

 1.0125, 0.6760,

272.9122, 322.1483

1.3024

329.2826,
326.5981, 383.7376

■ 0.0000, 0.0000,
0.0638

■ 0.0000, 0.0000,
0.0000

■ 53.0753, 50.0598,
62.7422

■ 53.0753, 50.0598,
62.7422

■ 48.6318, 42.0819,
58.4571

■ 58.1748, 59.3191,
67.3373

■ 44.8114, 35.3218,
54.4683

■ 63.9528, 69.9067,
72.2488

■ 41.5846, 29.7203,
50.7658

■ 70.4361, 81.8752,
77.4871

■ 38.9180, 25.2107,
47.3375

■ 75.1742, 90.3232,
82.2361

36.7746, 21.7195,
44.1705

75.8357, 90.5878,
85.7195

35.1130, 19.1641,
41.2499

76.5163, 90.8601,
89.3033

33.8853, 17.4488,
38.5589

77.2161, 91.1400,
92.9882

33.0332, 16.4574,
36.0771

77.9352, 91.4276,
96.7751

32.6599, 16.1015,
34.7483

78.6738, 91.7231,
100.6647

Harmonies

Analogous

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



50.8689, 50.0598, 70.1932



53.0753, 50.0598, 62.7422



53.7899, 50.0598, 53.7271

Triad

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



53.0753, 50.0598, 62.7422



47.3074, 50.0598, 39.1633



42.7325, 50.0598, 64.2442

Complementary

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



53.0753, 50.0598, 62.7422



50.2558, 58.7313, 55.1448

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.



41.8681, 50.0598, 55.2937



53.0753, 50.0598, 62.7422



44.4367, 50.0598, 41.3507

Square

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



53.0753, 50.0598, 62.7422



50.3752, 50.0598, 40.7025



42.4784, 50.0598, 47.0252



44.8908, 50.0598, 71.1244

Rectangle

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



53.0753, 50.0598, 62.7422



53.3000, 50.0598, 48.1957



42.4784, 50.0598, 47.0252



42.2853, 50.0598, 61.3457

Sweetspot

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



53.0768, 50.0620, 62.7433



91.5010, 93.5115, 105.8380



47.8806, 47.2853, 66.9259



19.4463, 19.7623, 22.5324



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.



53.0768, 50.0620, 62.7433



81.1597, 74.7576, 96.4450



51.3860, 49.3857, 53.8400



12.1879, 11.9599, 14.2651



20.1764, 9.9434, 21.6330



1.1575, 0.5677, 1.3642

Inverse Universe

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



53.0768, 50.0620, 62.7433



81.1597, 74.7576, 96.4450



51.9352, 59.4030, 63.9884



12.1879, 11.9599, 14.2651



20.1764, 9.9434, 21.6330



1.1575, 0.5677, 1.3642

Previews

White Background



This preview shows how the XYZ color 53.0753, 50.0598, 62.7422 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 53.0753, 50.0598, 62.7422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

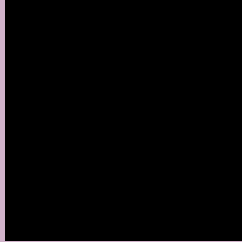
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0753, 50.0598, 62.7422

Background



This preview shows how black text looks on a background with the XYZ color 53.0753, 50.0598, 62.7422.



This preview shows how white text looks on a background with the XYZ color 53.0753, 50.0598,

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

53.0753, 50.0598, 62.7422

Protanopia

49.2825, 50.4847, 66.1785

Deuteranopia

51.0900, 49.9523, 62.2074



Tritanopia

52.0713, 49.9475, 57.9353

Trichromacy



Original Color

53.0753, 50.0598, 62.7422

Protanomaly

50.4081, 50.1581, 64.7823

Deuteranomaly

51.6951, 49.9613, 62.1772

Tritanomaly

52.4117, 50.0836, 59.7280

Monochromacy



Original Color

53.0753, 50.0598, 62.7422

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.9094, 51.4865, 58.8844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0753, 50.0598, 62.7422 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(209, 179, 202)` looks like.

```
.text, #text, p{  
    color:rgb(209, 179, 202)  
}
```

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(209, 179, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 179, 202) }
```

Border

The CSS property to change the border of an element to XYZ 53.0753, 50.0598, 62.7422 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(209, 179, 202) }
```


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

```
.border{ border-color:rgb(209, 179, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 179, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 179, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 179, 202);  
box-shadow:4px 4px 4px 4px rgb(209, 179,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0753, 50.0598, 62.7422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 179, 202) }
```

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

```
.background{ background-color: rgb(209,  
179, 202) }
```

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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