

Converting Colors

XYZ(53.5627, 50.1256, 71.1421)

Have a look what the booklet for
XYZ(53.5627, 50.1256, 71.1421)
contains.

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Color

**XYZ(53.5627, 50.1256,
71.1421)**

Conversions

Conversions Part 1

Format	Color
Hex	CDB3D7
RGB	205, 179, 215
RGB Percent	80%, 70%, 84%
CMY	0.1961, 0.2980, 0.1569
CMYK	0.05, 0.17, 0.00, 0.16
HSL	283°, 31%, 77%
HSV	283°, 17%, 84%
XYZ	53.5627, 50.1256, 71.1421
YIQ	190.8780, 3.9400, 16.7080

Conversions

Conversions Part 2

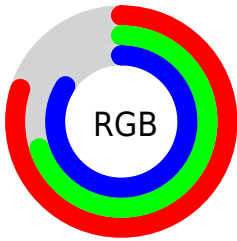
Format	Color
R_{YB}	205, 179, 215
Decimal	13480919
CIE _{Lab}	76.15, 15.81, -14.67
CIE _{LCh}	76, 21.573, 317.137
Yxy	50.1256, 0.3064, 0.2867
Android (android.graphics.Color)	4291670999 (0xFFCDB3D7)
YUV	190.8780, 11.8921, 12.3850
Hunter-Lab	70.7994, 11.1436, -10.0174

Details

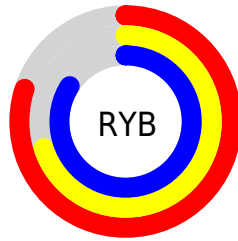
The XYZ color **53.5627, 50.1256, 71.1421** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **53.4251, 62.6756, 51.9320**, and the grayscale version is **49.3835, 51.9553, 56.5793**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **26.5685, 24.0391, 36.4974** is the 20% darker color. If you saturate the color by 10%, you get **47.9694, 41.3375, 69.7414**, and if you desaturate by 10%, it is **59.8938, 60.2941, 72.7719**.

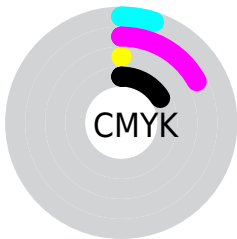
Distribution



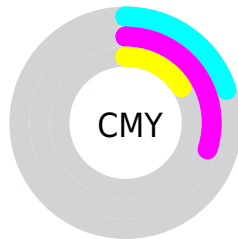
- Red (80%)
- Green (70%)
- Blue (84%)



- Red (80%)
- Yellow (70%)
- Blue (84%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5627, 50.1256, 71.1421 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 53.5627, 50.1256, 71.1421 by changing the saturation by 10% instead.

■ 53.5627, 50.1256,
71.1421

■ 53.5627, 50.1256,
71.1421

390.6659,
387.1569, 483.4471

■ 38.4814, 35.5132,
51.9756

■ 94.5925, 90.3609,
122.5324

■ 26.5355, 24.0585,
36.6035

121.2718,
116.7527, 155.5933

■ 17.3594, 15.3770,
24.6073

152.5478,
147.8397, 194.1227

■ 10.5880, 9.0844,
15.5684

188.7858,
184.0063, 238.5392

■ 5.8557, 4.7963,
9.0682

230.3513,
225.6369, 289.2614

■ 2.7974, 2.1282,
4.6883

277.6096,

■ 1.0475, 0.6804,

273.1160, 346.7077

2.0100

330.9260,
326.8278, 411.2968

■ 0.0000, 0.0000,
0.5614

■ 0.0000, 0.0000,
0.0000

■ 53.5627, 50.1256,
71.1421

■ 53.5627, 50.1256,
71.1421

■ 47.9694, 41.3375,
69.7414

■ 59.8938, 60.2941,
72.7719

■ 43.0775, 33.8608,
68.5561

■ 66.9878, 71.8949,
74.6372

■ 38.8545, 27.6305,
67.5761

■ 74.8742, 84.9852,
76.7482

■ 35.2630, 22.5731,
66.7892

■ 80.3043, 93.0665,
78.0219

■ 32.2619, 18.6074,
66.1819

■ 82.2419, 94.0653,
78.1125

■ 29.8048, 15.6414,
65.7389

■ 84.2456, 95.0983,
78.2063

■ 27.8374, 13.5681,
65.4424

■ 86.3162, 96.1657,
78.3032

■ 26.2900, 12.2489,
65.2693

■ 88.4542, 97.2679,
78.4033

■ 25.8367, 11.9024,
65.2264

■ 89.2659, 97.6864,
78.4412

Harmonies

Analogous

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



49.9672, 50.1256, 78.7002



53.5627, 50.1256, 71.1421



55.6190, 50.1256, 59.6788

Triad

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



53.5627, 50.1256, 71.1421



49.3920, 50.1256, 35.6459



40.6028, 50.1256, 61.3951

Complementary

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



53.5627, 50.1256, 71.1421



53.4251, 62.6756, 51.9320

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.



40.4682, 50.1256, 49.7770



53.5627, 50.1256, 71.1421



45.3918, 50.1256, 35.9699

Square

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



53.5627, 50.1256, 71.1421



53.1212, 50.1256, 39.8499



42.1761, 50.1256, 40.8083



42.5548, 50.1256, 72.5506

Rectangle

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



53.5627, 50.1256, 71.1421



55.7685, 50.1256, 51.8622



42.1761, 50.1256, 40.8083



40.3476, 50.1256, 57.3875

Sweetspot

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



53.5642, 50.1277, 71.1432



89.8255, 91.4676, 107.5284



49.0987, 50.9734, 71.5418



19.0742, 19.3305, 22.9758



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.



53.5642, 50.1277, 71.1432



75.8615, 69.0771, 103.9426



55.4328, 51.2041, 66.1227



12.6011, 12.4513, 15.6767



15.5608, 7.1744, 39.0178



1.0169, 0.4731, 2.3570

Inverse Universe

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



53.3314, 50.3635, 55.0565



75.5096, 69.5164, 75.8825



51.8408, 61.7651, 56.0932



12.5636, 12.4769, 13.6422



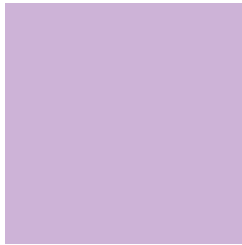
17.2843, 8.8501, 3.5354



1.0776, 0.5478, 0.3981

Previews

White Background



This preview shows how the XYZ color 53.5627, 50.1256, 71.1421 looks on a white background.

Color Contrast Check

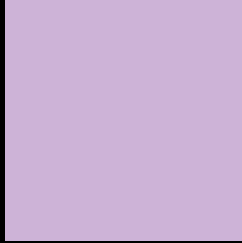
Large Text (above 18pt) WCAG AA × Fail

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 53.5627, 50.1256, 71.1421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

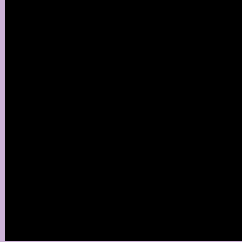
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5627, 50.1256, 71.1421

Background



This preview shows how black text looks on a background with the XYZ color 53.5627, 50.1256, 71.1421.



This preview shows how white text looks on a background with the XYZ color 53.5627, 50.1256,

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

53.5627, 50.1256, 71.1421

Protanopia

49.5332, 50.1089, 74.7714

Deuteranopia

51.3192, 50.1913, 70.6014



Tritanopia

51.1631, 50.0437, 59.7861

Trichromacy



Original Color

53.5627, 50.1256, 71.1421

Protanomaly

50.8236, 49.8761, 73.2780

Deuteranomaly

52.1543, 50.3167, 70.5816

Tritanomaly

52.0516, 50.1039, 64.0543

Monochromacy



Original Color

53.5627, 50.1256, 71.1421

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.9606, 51.4465, 61.8878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5627, 50.1256, 71.1421 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(205, 179, 215)` looks like.

```
.text, #text, p{  
    color:rgb(205, 179, 215)  
}
```

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(205, 179, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 179, 215) }
```

Border

The CSS property to change the border of an element to XYZ 53.5627, 50.1256, 71.1421 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(205, 179, 215) }
```


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

```
.border{ border-color:rgb(205, 179, 215) }
```

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

Here you see how a box with a 4 pixel rgb(205, 179, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 179, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 179, 215);  
box-shadow:4px 4px 4px 4px rgb(205, 179,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5627, 50.1256, 71.1421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 179, 215) }
```

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

```
.background{ background-color: rgb(205,  
179, 215) }
```

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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