

Converting Colors

XYZ(56.6068, 51.3318, 71.3680)

Have a look what the booklet for
XYZ(56.6068, 51.3318, 71.3680)
contains.

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Color

**XYZ(56.5050, 51.3460,
71.2226)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B2D7
RGB	216, 178, 215
RGB Percent	85%, 70%, 84%
CMY	0.1529, 0.3019, 0.1569
CMYK	0.00, 0.18, 0.00, 0.15
HSL	302°, 33%, 77%
HSV	302°, 18%, 85%
XYZ	56.5050, 51.3460, 71.2226
YIQ	193.5800, 10.7710, 19.5630

Conversions

Conversions Part 2

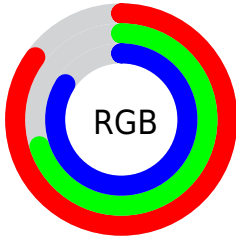
Format	Color
RYB	216, 178, 215
Decimal	14201559
CIELab	76.89, 20.04, -13.46
CIELCh	77, 24.144, 326.114
Yxy	51.3460, 0.3155, 0.2867
Android (android.graphics.Color)	4292391639 (0xFFD8B2D7)
YUV	193.5800, 10.5601, 19.6623
Hunter-Lab	71.6561, 15.3594, -8.7720

Details

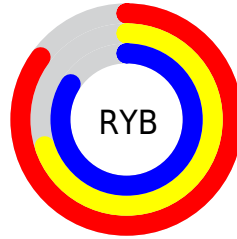
The XYZ color **56.5050, 51.3460, 71.2226** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.0546, 61.8328, 51.8946**, and the grayscale version is **50.9666, 53.6208, 58.3930**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **28.3767, 24.7824, 36.5456** is the 20% darker color. If you saturate the color by 10%, you get **52.4687, 43.3893, 69.5179**, and if you desaturate by 10%, it is **61.2213, 60.6606, 73.1564**.

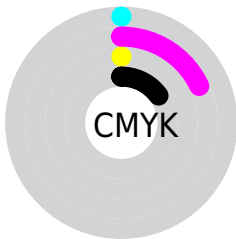
Distribution



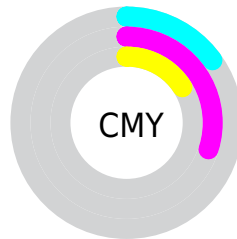
- Red (85%)
- Green (70%)
- Blue (84%)



- Red (85%)
- Yellow (70%)
- Blue (84%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5050, 51.3460, 71.2226 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 56.5050, 51.3460, 71.2226 by changing the saturation by 10% instead.

■ 56.5050, 51.3460,
71.2226

■ 56.5050, 51.3460,
71.2226

401.6361,
391.9066, 483.7358

■ 40.8465, 36.4840,
52.0409

■ 98.8781, 92.1660,
122.6480

■ 28.3863, 24.8083,
36.6552

126.3234,
118.8929, 155.7289

■ 18.7590, 15.9343,
24.6470

158.4285,
150.3435, 194.2799

■ 11.5993, 9.4776,
15.5976

195.5585,
186.9022, 238.7195

■ 6.5417, 5.0540,
9.0886

238.0789,
228.9535, 289.4664

■ 3.2209, 2.2790,
4.7014

286.3551,

■ 1.2716, 0.7626,

276.8817, 346.9391

2.0175

340.7524,
331.0713, 411.5560

■ 0.1618, 0.0000,
0.5660

■ 0.0000, 0.0000,
0.0000

■ 56.5050, 51.3460,
71.2226

■ 56.5050, 51.3460,
71.2226

■ 52.4687, 43.3893,
69.5179

■ 61.2213, 60.6606,
73.1564

■ 49.0763, 36.7207,
68.0285

■ 66.6425, 71.3855,
75.3258

■ 46.2950, 31.2742,
66.7440

■ 72.7979, 83.5784,
77.7413

■ 44.0878, 26.9753,
65.6522

■ 76.6395, 91.1432,
79.3867

42.4133, 23.7414,
64.7392

76.7138, 91.1729,
79.7776

41.2248, 21.4790,
63.9894

76.7882, 91.2027,
80.1698

40.4672, 20.0782,
63.3845

76.8630, 91.2326,
80.5634

40.0651, 19.3878,
62.8993

76.9380, 91.2626,
80.9583

39.9915, 19.2680,
62.7904

77.0132, 91.2927,
81.3545

Harmonies

Analogous

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



52.7929, 51.3460, 81.8229



56.5050, 51.3460, 71.2226



58.1518, 51.3460, 57.6383

Triad

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



56.5050, 51.3460, 71.2226



49.4036, 51.3460, 34.2844



41.2968, 51.3460, 67.7912

Complementary

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



56.5050, 51.3460, 71.2226



51.0546, 61.8328, 51.8946

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.



40.5137, 51.3460, 54.2109



56.5050, 51.3460, 71.2226



45.0190, 51.3460, 36.1379

Square

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



56.5050, 51.3460, 71.2226



53.8926, 51.3460, 37.4342



41.8345, 51.3460, 42.9614



44.0441, 51.3460, 79.6337

Rectangle

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



56.5050, 51.3460, 71.2226



57.7856, 51.3460, 49.1789



41.8345, 51.3460, 42.9614



40.8029, 51.3460, 63.2225

Sweetspot

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



56.5065, 51.3482, 71.2237



91.0626, 92.1116, 107.3045



46.8231, 46.3413, 71.4435



19.3758, 19.4875, 22.9211



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.



56.5065, 51.3482, 71.2237



80.0556, 70.3730, 102.7864



54.2466, 50.4443, 59.3231



12.9383, 12.6268, 15.6151



23.6773, 11.4072, 37.2002



1.4327, 0.6899, 2.2678

Inverse Universe

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



56.5065, 51.3482, 71.2237



80.0556, 70.3730, 102.7864



53.0686, 62.6384, 62.4999



12.9383, 12.6268, 15.6151



23.6773, 11.4072, 37.2002



1.4327, 0.6899, 2.2678

Previews

White Background



This preview shows how the XYZ color 56.5050, 51.3460, 71.2226 looks on a white background.

Color Contrast Check

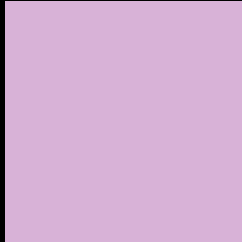
Large Text (above 18pt) WCAG AA × Fail

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 56.5050, 51.3460, 71.2226 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 56.5050, 51.3460, 71.2226

Background



This preview shows how black text looks on a background with the XYZ color 56.5050, 51.3460, 71.2226.



This preview shows how white text looks on a background with the XYZ color 56.5050, 51.3460,

71.2226.

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

56.5050, 51.3460, 71.2226

Protanopia

50.9352, 51.4307, 76.3498

Deuteranopia

52.5125, 51.4233, 70.7763



Tritanopia

53.9283, 51.1794, 59.2608

Trichromacy



Original Color

56.5050, 51.3460, 71.2226

Protanomaly

52.6916, 51.1312, 74.1100

Deuteranomaly

53.7674, 51.1483, 70.6571

Tritanomaly

54.8323, 51.2505, 63.5023

Monochromacy



Original Color

56.5050, 51.3460, 71.2226

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.0010, 52.7873, 63.2726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5050, 51.3460, 71.2226 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(216, 178, 215)` looks like.

```
.text, #text, p{  
    color:rgb(216, 178, 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(216, 178, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 178, 215) }
```

Border

The CSS property to change the border of an element to XYZ 56.5050, 51.3460, 71.2226 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(216, 178, 215) }
```


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

```
.border{ border-color:rgb(216, 178, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 178, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 178, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 178, 215); box-shadow:4px 4px 4px 4px rgb(216, 178, 215) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5050, 51.3460, 71.2226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 178, 215) }
```

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

```
.background{ background-color: rgb(216,  
178, 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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