

Converting Colors

XYZ(56.2421, 52.6736, 81.6980)

Have a look what the booklet for
XYZ(56.2421, 52.6736, 81.6980)
contains.

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Color

**XYZ(56.3253, 52.8315,
82.0918)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB8E6
RGB	204, 184, 230
RGB Percent	80%, 72%, 90%
CMY	0.2000, 0.2784, 0.0980
CMYK	0.11, 0.20, 0.00, 0.10
HSL	266°, 48%, 81%
HSV	266°, 20%, 90%
XYZ	56.3253, 52.8315, 82.0918
YIQ	195.2240, -2.8460, 18.5460

Conversions

Conversions Part 2

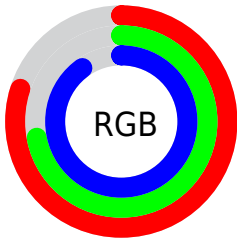
Format	Color
RYB	204, 184, 230
Decimal	13416678
CIELab	77.78, 15.77, -20.35
CIELCh	78, 25.745, 307.780
Yxy	52.8315, 0.2945, 0.2762
Android (android.graphics.Color)	4291606758 (0xFFCCB8E6)
YUV	195.2240, 17.1446, 7.6966
Hunter-Lab	72.6853, 11.1240, -16.0833

Details

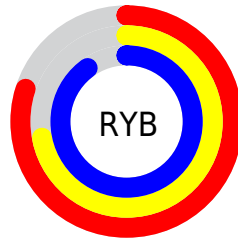
The XYZ color **56.3253, 52.8315, 82.0918** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.5286, 73.7573, 56.2381**, and the grayscale version is **51.9089, 54.6122, 59.4726**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **28.3340, 25.7726, 43.5257** is the 20% darker color. If you saturate the color by 10%, you get **48.5150, 42.2811, 80.4678**, and if you desaturate by 10%, it is **65.2131, 65.0932, 83.9909**.

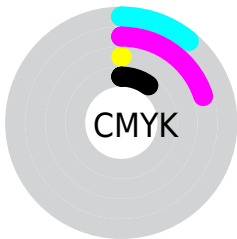
Distribution



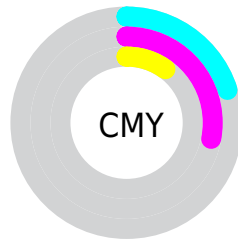
- Red (80%)
- Green (72%)
- Blue (90%)



- Red (80%)
- Yellow (72%)
- Blue (90%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (28%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3253, 52.8315, 82.0918 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 56.3253, 52.8315, 82.0918 by changing the saturation by 10% instead.

■ 56.3253, 52.8315,
82.0918

■ 56.3253, 52.8315,
82.0918

400.9714,
397.6383, 521.8462

■ 40.7018, 37.6683,
60.9050

■ 98.6171, 94.3564,
138.1406

■ 28.2728, 25.7253,
43.7184

126.0161,
121.4868, 173.8396

■ 18.6729, 16.6183,
30.1136

158.0710,
153.3751, 215.2130

■ 11.5368, 9.9627,
19.6721

195.1472,
190.4057, 262.6795

■ 6.4990, 5.3742,
11.9752

237.6100,
232.9629, 316.6575

■ 3.1944, 2.4685,
6.6044

285.8247,

■ 1.2574, 0.8608,

281.4311, 377.5656

3.1413

340.1567,
336.1948, 445.8223

■ 0.1509, 0.0000,
1.1672

■ 0.0000, 0.0000,
0.0000

■ 56.3253, 52.8315,
82.0918

■ 56.3253, 52.8315,
82.0918

■ 48.5150, 42.2811,
80.4678

■ 65.2131, 65.0932,
83.9909

■ 41.7326, 33.3565,
79.1027

■ 75.2153, 79.1329,
86.1737

■ 35.9315, 25.9750,
77.9837

■ 86.3732, 95.0221,
88.6525

■ 31.0596, 20.0436,
77.0956

■ 91.2831, 98.4932,
89.0638

■ 27.0589, 15.4589,
76.4215

■ 23.8643, 12.1031,
75.9421

■ 21.3995, 9.8368,
75.6346

■ 19.5385, 8.4226,
75.4597

■ 19.5383, 8.4224,
75.4597

Harmonies

Analogous

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



51.5248, 52.8315, 89.2726



56.3253, 52.8315, 82.0918



59.6313, 52.8315, 68.5549

Triad

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



56.3253, 52.8315, 82.0918



53.9314, 52.8315, 35.6513



41.2953, 52.8315, 61.3250

Complementary

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



56.3253, 52.8315, 82.0918



63.5286, 73.7573, 56.2381

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.



41.8457, 52.8315, 47.7458



56.3253, 52.8315, 82.0918



48.9271, 52.8315, 34.3675

Square

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



56.3253, 52.8315, 82.0918



58.1866, 52.8315, 42.2787



44.5629, 52.8315, 38.4241



43.0064, 52.8315, 76.0549

Rectangle

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



56.3253, 52.8315, 82.0918



60.4258, 52.8315, 58.5958



44.5629, 52.8315, 38.4241



41.2242, 52.8315, 56.4664

Sweetspot

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



56.3269, 52.8337, 82.0930



87.2514, 89.0202, 107.1917



57.1150, 62.0315, 83.8268



18.5005, 18.8090, 22.9054



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.



56.3269, 52.8337, 82.0930



66.9361, 60.9939, 102.8528



63.0825, 56.3163, 82.4091



14.1743, 14.1921, 18.1366



11.1959, 4.8376, 42.7268



0.9322, 0.4116, 3.1623

Inverse Universe

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



61.4082, 55.7593, 68.5010



74.5454, 65.3779, 82.3749



57.4602, 70.6289, 55.9541



14.7165, 14.5038, 16.7076



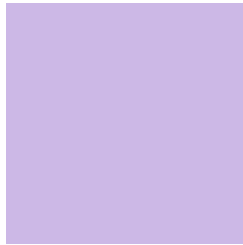
20.8188, 10.4617, 13.2068



1.5849, 0.7917, 1.2205

Previews

White Background



This preview shows how the XYZ color 56.3253, 52.8315, 82.0918 looks on a white background.

Color Contrast Check

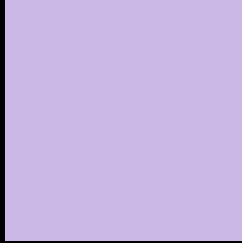
Large Text (above 18pt) WCAG AA × Fail

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 56.3253, 52.8315, 82.0918 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 56.3253, 52.8315, 82.0918

Background



This preview shows how black text looks on a background with the XYZ color 56.3253, 52.8315, 82.0918.



This preview shows how white text looks on a background with the XYZ color 56.3253, 52.8315,

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

56.3253, 52.8315, 82.0918

Protanopia

52.5561, 52.7125, 85.2464

Deuteranopia

54.1184, 52.9610, 81.4989



Tritanopia

52.9161, 53.0342, 64.5744

Trichromacy



Original Color

56.3253, 52.8315, 82.0918

Protanomaly

53.9264, 52.7968, 84.4394

Deuteranomaly

54.9391, 53.0681, 81.4763

Tritanomaly

53.8680, 52.7623, 70.2958

Monochromacy



Original Color

56.3253, 52.8315, 82.0918

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.3047, 53.8214, 67.2536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3253, 52.8315, 82.0918 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(204, 184, 230)` looks like.

```
.text, #text, p{  
    color:rgb(204, 184, 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(204, 184, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 184, 230) }
```

Border

The CSS property to change the border of an element to XYZ 56.3253, 52.8315, 82.0918 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(204, 184, 230) }
```


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

```
.border{ border-color:rgb(204, 184, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 184, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 184, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 184, 230);  
box-shadow:4px 4px 4px 4px rgb(204, 184,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3253, 52.8315, 82.0918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 184, 230) }
```

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

```
.background{ background-color: rgb(204,  
184, 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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