

Converting Colors

XYZ(57.7212, 50.7054, 90.9375)

Have a look what the booklet for
XYZ(57.7212, 50.7054, 90.9375)
contains.

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Color

**XYZ(57.6515, 50.6261,
90.7376)**

Conversions

Conversions Part 1

Format	Color
Hex	D1AFF2
RGB	209, 175, 242
RGB Percent	82%, 69%, 95%
CMY	0.1804, 0.3137, 0.0510
CMYK	0.14, 0.28, 0.00, 0.05
HSL	270°, 72%, 82%
HSV	270°, 28%, 95%
XYZ	57.6515, 50.6261, 90.7376
YIQ	192.8040, -1.2430, 28.0450

Conversions

Conversions Part 2

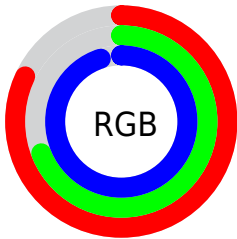
Format	Color
R _Y B	209, 175, 242
Decimal	13742066
CIE Lab	76.45, 24.75, -28.81
CIE LCh	76, 37.978, 310.664
Yxy	50.6261, 0.2897, 0.2544
Android (android.graphics.Color)	4291932146 (0xFFD1AFF2)
YUV	192.8040, 24.2536, 14.2039
Hunter-Lab	71.1520, 20.1150, -25.8040

Details

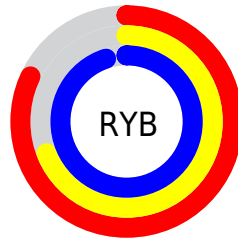
The XYZ color **57.6515, 50.6261, 90.7376** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **65.5040, 80.0105, 52.5509**, and the grayscale version is **50.4376, 53.0643, 57.7870**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **29.1489, 24.3343, 49.6150** is the 20% darker color. If you saturate the color by 10%, you get **50.1099, 40.3627, 89.1548**, and if you desaturate by 10%, it is **66.2927, 62.7118, 92.6157**.

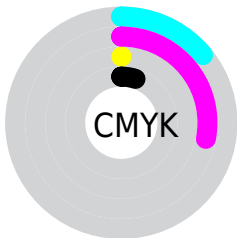
Distribution



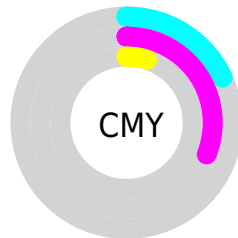
- Red (82%)
- Green (69%)
- Blue (95%)



- Red (82%)
- Yellow (69%)
- Blue (95%)



- Cyan (14%)
- Magenta (28%)
- Yellow (0%)
- Black (5%)



- Cyan (18%)
- Magenta (31%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6515, 50.6261, 90.7376 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 57.6515, 50.6261, 90.7376 by changing the saturation by 10% instead.

■ 57.6515, 50.6261,
90.7376

■ 57.6515, 50.6261,
90.7376

405.8609,
389.1094, 551.0592

■ 41.7707, 35.9111,
68.0154

■ 100.5411, 91.1018,
150.3070

■ 29.1121, 24.3656,
49.4435

128.2806,
117.6314, 187.9913

■ 19.3104, 15.6050,
34.6033

160.7037,
148.8680, 231.5000

■ 12.0001, 9.2451,
23.0764

198.1758,
185.1959, 281.2517

■ 6.8159, 4.9014,
14.4441

241.0622,
226.9996, 337.6649

■ 3.3926, 2.1895,
8.2879

289.7283,

■ 1.3646, 0.7143,

274.6635, 401.1583

4.1893

344.5394,
328.5719, 472.1502

■ 0.2308, 0.0000,
1.7298

■ 0.0000, 0.0000,
0.3810

■ 57.6515, 50.6261,
90.7376

■ 57.6515, 50.6261,
90.7376

■ 50.1099, 40.3627,
89.1548

■ 66.2927, 62.7118,
92.6157

■ 43.6125, 31.8222,
87.8488

■ 76.0756, 76.6997,
94.8001

■ 38.1058, 24.9053,
86.8040

■ 87.0461, 92.6724,
97.3049

■ 33.5294, 19.4995,
86.0017

■ 93.0272, 99.1909,
98.2478

■ 29.8148, 15.4772,
85.4211

■ 26.8826, 12.6889,
85.0375

■ 24.6282, 10.9351,
84.8178

■ 24.1676, 10.6074,
84.7788

Harmonies

Analogous

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



50.7095, 50.6261, 103.6173



57.6515, 50.6261, 90.7376



62.3025, 50.6261, 69.2257

Triad

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



57.6515, 50.6261, 90.7376



52.8192, 50.6261, 25.6770



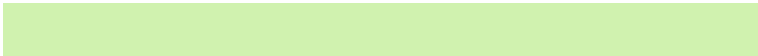
35.8253, 50.6261, 62.7401

Complementary

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



57.6515, 50.6261, 90.7376



65.5040, 80.0105, 52.5509

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.



36.2695, 50.6261, 43.0792



57.6515, 50.6261, 90.7376



45.6175, 50.6261, 24.7614

Square

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



57.6515, 50.6261, 90.7376



59.3270, 50.6261, 33.2288



39.6991, 50.6261, 30.3120



38.4190, 50.6261, 84.9896

Rectangle

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



57.6515, 50.6261, 90.7376



63.2279, 50.6261, 54.6682



39.6991, 50.6261, 30.3120



35.6312, 50.6261, 55.5808

Sweetspot

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



57.6531, 50.6282, 90.7387



85.2834, 85.8117, 106.6761



56.3860, 60.8826, 92.7848



17.8817, 17.8308, 22.7492



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.



57.6531, 50.6282, 90.7387



60.1857, 50.5181, 101.1866



67.9763, 55.9500, 91.2218



15.6619, 15.6229, 19.9117



13.1412, 5.7799, 45.5509



1.2081, 0.5400, 3.7948

Inverse Universe

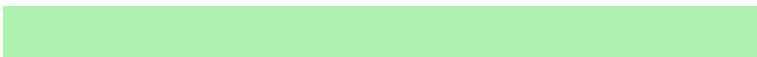
The Inverse Universe completely reimagines the original color for something new.



63.3347, 54.0933, 66.7795



67.6958, 55.0977, 69.5513



57.1709, 75.7146, 52.1609



16.0974, 15.8887, 18.0689



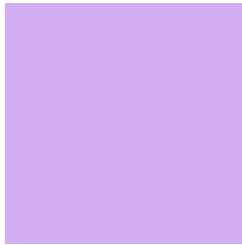
21.5353, 10.8866, 10.7356



1.8417, 0.9257, 1.1573

Previews

White Background



This preview shows how the XYZ color 57.6515, 50.6261, 90.7376 looks on a white background.

Color Contrast Check

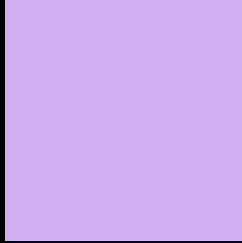
Large Text (above 18pt) WCAG AA × Fail

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 57.6515, 50.6261, 90.7376 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 57.6515, 50.6261, 90.7376

Background



This preview shows how black text looks on a background with the XYZ color 57.6515, 50.6261, 90.7376.



This preview shows how white text looks on a background with the XYZ color 57.6515, 50.6261,

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

57.6515, 50.6261, 90.7376

Protanopia

51.6088, 50.6779, 97.5042

Deuteranopia

51.8995, 50.6925, 89.4873



Tritanopia

51.4836, 50.5007, 60.4602

Trichromacy



Original Color

57.6515, 50.6261, 90.7376

Protanomaly

53.5240, 50.4856, 94.9194

Deuteranomaly

53.8869, 50.4750, 90.1216

Tritanomaly

53.6357, 50.4767, 70.5344

Monochromacy



Original Color

57.6515, 50.6261, 90.7376

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.8700, 51.9631, 68.8713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6515, 50.6261, 90.7376 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, 175, 242)` looks like.

```
.text, #text, p{  
    color:rgb(209, 175, 242)  
}
```

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, 175, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 175, 242) }
```

Border

The CSS property to change the border of an element to XYZ 57.6515, 50.6261, 90.7376 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, 175, 242) }
```


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

```
.border{ border-color:rgb(209, 175, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 175, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 175, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 175, 242);  
box-shadow:4px 4px 4px 4px rgb(209, 175,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6515, 50.6261, 90.7376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 175, 242) }
```

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

```
.background{ background-color: rgb(209,  
175, 242) }
```

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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