

Converting Colors

XYZ(51.7604, 41.4497, 76.4690)

Have a look what the booklet for
XYZ(51.7604, 41.4497, 76.4690)
contains.

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Color

**XYZ(51.8086, 41.5665,
76.5267)**

Conversions

Conversions Part 1

Format	Color
Hex	D497E1
RGB	212, 151, 225
RGB Percent	83%, 59%, 88%
CMY	0.1686, 0.4078, 0.1176
CMYK	0.06, 0.33, 0.00, 0.12
HSL	289°, 55%, 74%
HSV	289°, 33%, 88%
XYZ	51.8086, 41.5665, 76.5267
YIQ	177.6750, 12.6020, 35.9460

Conversions

Conversions Part 2

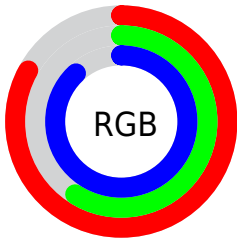
Format	Color
R_{YB}	212, 151, 225
Decimal	13932513
CIE _{Lab}	70.57, 35.29, -28.56
CIE _{LCh}	71, 45.395, 321.014
Yxy	41.5665, 0.3049, 0.2447
Android (android.graphics.Color)	4292122593 (0xFFD497E1)
YUV	177.6750, 23.3312, 30.1030
Hunter-Lab	64.4721, 30.6132, -25.2452

Details

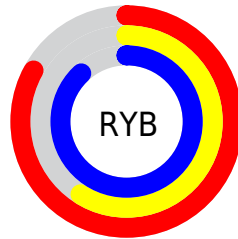
The XYZ color **51.8086, 41.5665, 76.5267** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.8223, 63.9783, 39.1086**, and the grayscale version is **42.0225, 44.2110, 48.1458**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **25.3336, 18.8562, 39.8405** is the 20% darker color. If you saturate the color by 10%, you get **47.4021, 34.4236, 75.3809**, and if you desaturate by 10%, it is **56.9367, 50.1093, 77.9060**.

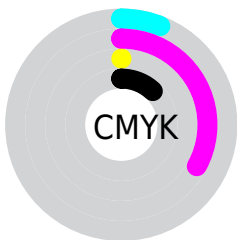
Distribution



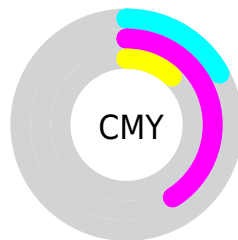
- Red (83%)
- Green (59%)
- Blue (88%)



- Red (83%)
- Yellow (59%)
- Blue (88%)



- Cyan (6%)
- Magenta (33%)
- Yellow (0%)
- Black (12%)



- Cyan (17%)
- Magenta (41%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8086, 41.5665, 76.5267 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 51.8086, 41.5665, 76.5267 by changing the saturation by 10% instead.

51.8086, 41.5665,
76.5267

51.8086, 41.5665,
76.5267

384.0334,
352.6828, 502.5435

37.0762, 28.7620,
56.3553

92.0248, 77.5431,
130.2381

25.4404, 18.9009,
40.0819

118.2393,
101.4840, 164.6151

16.5360, 11.5987,
27.2882

149.0119,
129.9059, 204.5643

9.9975, 6.4710,
17.5554

184.7079,
163.1930, 250.5044

5.4595, 3.1336,
10.4651

225.6927,
201.7299, 302.8538

2.5568, 1.2018,
5.5988

272.3316,

0.9240, 0.0632,

245.9009, 362.0311

2.5379

324.9901,
296.0904, 428.4548

■ 0.0000, 0.0000,
0.8601

■ 0.0000, 0.0000,
0.0000

■ 51.8086, 41.5665,
76.5267

■ 51.8086, 41.5665,
76.5267

■ 47.4021, 34.4236,
75.3809

■ 56.9367, 50.1093,
77.9060

■ 43.6735, 28.5963,
74.4526

■ 62.8188, 60.1194,
79.5281

■ 40.5806, 23.9994,
73.7283

■ 69.4903, 71.6662,
81.4052

■ 38.0744, 20.5356,
73.1918

■ 76.9829, 84.8131,
83.5479

36.0987, 18.0926,
72.8244

82.5532, 94.0728,
85.0416

34.5856, 16.5347,
72.6035

83.8491, 94.7409,
85.1023

33.7130, 15.8097,
72.5095

85.1741, 95.4239,
85.1643

86.5282, 96.1220,
85.2277

87.9118, 96.8353,
85.2924

Harmonies

Analogous

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



44.9070, 41.5665, 95.7868



51.8086, 41.5665, 76.5267



55.5294, 41.5665, 52.0203

Triad

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



51.8086, 41.5665, 76.5267



41.8030, 41.5665, 15.4971



27.5185, 41.5665, 61.7402

Complementary

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



51.8086, 41.5665, 76.5267



47.8223, 63.9783, 39.1086

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.



26.9087, 41.5665, 39.1102



51.8086, 41.5665, 76.5267



34.5595, 41.5665, 16.6192

Square

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



51.8086, 41.5665, 76.5267



49.2911, 41.5665, 20.1510



29.3264, 41.5665, 23.9331



31.1129, 41.5665, 85.5428

Rectangle

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



51.8086, 41.5665, 76.5267



55.4183, 41.5665, 37.8194



29.3264, 41.5665, 23.9331



26.9773, 41.5665, 53.6151

Sweetspot

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



51.8100, 41.5683, 76.5276



85.8189, 83.9560, 106.2897



39.7319, 38.7716, 76.6244



18.1098, 17.5238, 22.6779



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.



51.8100, 41.5683, 76.5276



64.9652, 48.9420, 100.6304



52.7286, 42.3862, 61.0120



14.0465, 13.8075, 17.3125



19.5157, 9.1560, 41.7871



1.4155, 0.6670, 2.8994

Inverse Universe

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



48.8201, 40.8229, 40.4302



60.5979, 47.9041, 45.5982



47.3714, 63.5037, 50.0287



13.8050, 13.7396, 14.7435



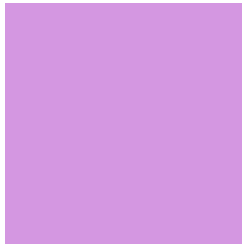
18.1393, 9.3227, 2.1335



1.2869, 0.6580, 0.3036

Previews

White Background



This preview shows how the XYZ color 51.8086, 41.5665, 76.5267 looks on a white background.

Color Contrast Check

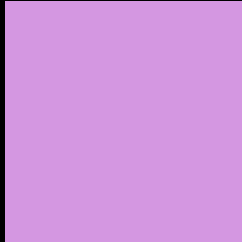
Large Text (above 18pt) WCAG AA × Fail

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 51.8086, 41.5665, 76.5267 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 51.8086, 41.5665, 76.5267

Background



This preview shows how black text looks on a background with the XYZ color 51.8086, 41.5665, 76.5267.



This preview shows how white text looks on a background with the XYZ color 51.8086, 41.5665,

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

51.8086, 41.5665, 76.5267

Protanopia

43.2400, 42.0925, 88.2837

Deuteranopia

42.7357, 41.8624, 74.2345



Tritanopia

45.5617, 41.5249, 45.6581

Trichromacy



Original Color

51.8086, 41.5665, 76.5267



Protanomaly

45.7264, 41.5477, 84.2067



Deuteranomaly

45.3381, 41.2921, 74.6878



Tritanomaly

47.6950, 41.3741, 55.9243

Monochromacy



Original Color

51.8086, 41.5665, 76.5267



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

45.0882, 42.8925, 57.5324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8086, 41.5665, 76.5267 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(212, 151, 225)` looks like.

```
.text, #text, p{  
    color:rgb(212, 151, 225)  
}
```

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(212, 151, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 151, 225) }
```

Border

The CSS property to change the border of an element to XYZ 51.8086, 41.5665, 76.5267 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(212, 151, 225) }
```


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

```
.border{ border-color:rgb(212, 151, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 151, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 151, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 151, 225);  
box-shadow:4px 4px 4px 4px rgb(212, 151,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8086, 41.5665, 76.5267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 151, 225) }
```

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

```
.background{ background-color: rgb(212,  
151, 225) }
```

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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