

Converting Colors

XYZ(51.1880, 41.6661, 65.4287)

Have a look what the booklet for
XYZ(51.1880, 41.6661, 65.4287)
contains.

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Color

**XYZ(51.3521, 41.8116,
65.6855)**

Conversions

Conversions Part 1

Format	Color
Hex	D998D1
RGB	217, 152, 209
RGB Percent	85%, 60%, 82%
CMY	0.1490, 0.4039, 0.1804
CMYK	0.00, 0.30, 0.04, 0.15
HSL	307°, 46%, 72%
HSV	307°, 30%, 85%
XYZ	51.3521, 41.8116, 65.6855
YIQ	177.9330, 20.4430, 31.5070

Conversions

Conversions Part 2

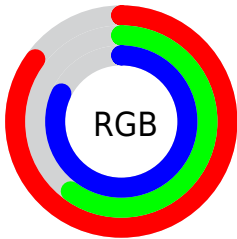
Format	Color
RYB	217, 152, 209
Decimal	14260433
CIELab	70.74, 33.35, -19.44
CIElCh	71, 38.602, 329.763
Yxy	41.8116, 0.3233, 0.2632
Android (android.graphics.Color)	4292450513 (0xFFD998D1)
YUV	177.9330, 15.3160, 34.2618
Hunter-Lab	64.6619, 28.5998, -14.9652

Details

The XYZ color **51.3521, 41.8116, 65.6855** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.1086, 58.8404, 42.2927**, and the grayscale version is **42.1966, 44.3941, 48.3452**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **25.0878, 19.0245, 32.9217** is the 20% darker color. If you saturate the color by 10%, you get **47.8196, 35.2706, 62.8904**, and if you desaturate by 10%, it is **55.5371, 49.6471, 68.7263**.

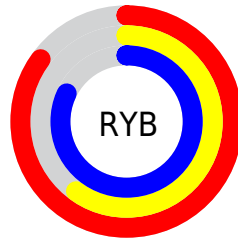
Distribution



Red (85%)

Green (60%)

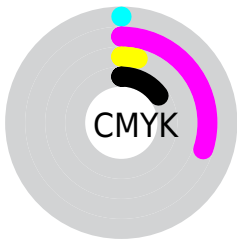
Blue (82%)



Red (85%)

Yellow (60%)

Blue (82%)

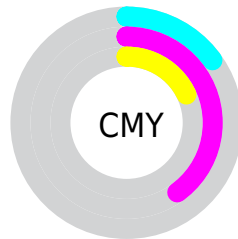


Cyan (0%)

Magenta (30%)

Yellow (4%)

Black (15%)



Cyan (15%)


Magenta (40%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3521, 41.8116, 65.6855 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 51.3521, 41.8116, 65.6855 by changing the saturation by 10% instead.


 51.3521, 41.8116,
65.6855

 51.3521, 41.8116,
65.6855


382.2954,
353.7014, 463.6248

 36.7111, 28.9538,
47.5623

 91.3549, 77.9144,
114.6575

 25.1565, 19.0459,
33.1228


 117.4474,
101.9282, 146.3434

 16.3231, 11.7034,
21.9487


148.0878,
130.4295, 183.3872

 9.8453, 6.5421,
13.6212

183.6415,
163.8026, 226.2076

 5.3580, 3.1774,
7.7220

224.4737,
202.4319, 275.2229

 2.4957, 1.2250,
3.8324

270.9498,

 0.8931, 0.0820,

246.7019, 330.8519

1.5338

323.4353,
296.9969, 393.5130

■ 0.0000, 0.0000,
0.2429

■ 0.0000, 0.0000,
0.0000

■ 51.3521, 41.8116,
65.6855

■ 51.3521, 41.8116,
65.6855

■ 47.8196, 35.2706,
62.8904

■ 55.5371, 49.6471,
68.7263

■ 44.9004, 29.9483,
60.3265

■ 60.4031, 58.8365,
72.0212

■ 42.5573, 25.7693,
57.9818

■ 65.9818, 69.4424,
75.5813

■ 40.7473, 22.6479,
55.8417

■ 72.3018, 81.5216,
79.4162

39.4215, 20.4860,
53.8899

77.6082, 91.5649,
82.9411

38.5216, 19.1674,
52.1067

77.9699, 91.7096,
84.8458

37.9443, 18.4852,
50.4575

78.3373, 91.8566,
86.7805

37.9417, 18.4823,
50.4498

78.7105, 92.0058,
88.7454

79.0893, 92.1574,
90.7406

Harmonies

Analogous

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



46.1698, 41.8116, 83.4972



51.3521, 41.8116, 65.6855



53.3644, 41.8116, 45.6715

Triad

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



51.3521, 41.8116, 65.6855



39.7915, 41.8116, 18.5895



29.9843, 41.8116, 65.3640

Complementary

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



51.3521, 41.8116, 65.6855



44.1086, 58.8404, 42.2927

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.



28.6587, 41.8116, 45.3803



51.3521, 41.8116, 65.6855



33.9380, 41.8116, 21.2682

Square

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



51.3521, 41.8116, 65.6855



46.2671, 41.8116, 21.3560



30.0265, 41.8116, 29.9809



33.8588, 41.8116, 83.2792

Rectangle

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



51.3521, 41.8116, 65.6855



52.4869, 41.8116, 34.6156



30.0265, 41.8116, 29.9809



29.2456, 41.8116, 58.5166

Sweetspot

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



51.3534, 41.8135, 65.6864



87.7092, 86.0408, 104.2258



38.1685, 34.8991, 70.3709



18.5366, 17.9676, 22.1533



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.



51.3534, 41.8135, 65.6864



70.6564, 54.0389, 92.0563



47.7725, 40.3811, 46.8297



13.5418, 13.2458, 16.1143



22.9943, 11.1988, 30.6797



1.5095, 0.7334, 2.0919

Inverse Universe

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



51.3534, 41.8135, 65.6864



70.6564, 54.0389, 92.0563



47.2869, 60.1118, 59.0296



13.5418, 13.2458, 16.1143



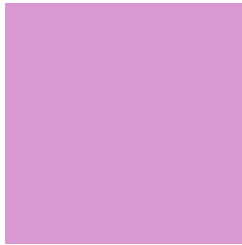
22.9943, 11.1988, 30.6797



1.5095, 0.7334, 2.0919

Previews

White Background



This preview shows how the XYZ color 51.3521, 41.8116, 65.6855 looks on a white background.

Color Contrast Check

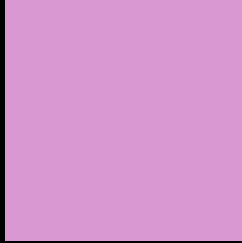
Large Text (above 18pt) WCAG AA × Fail

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 51.3521, 41.8116, 65.6855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

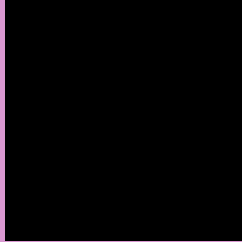
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3521, 41.8116, 65.6855

Background



This preview shows how black text looks on a background with the XYZ color 51.3521, 41.8116, 65.6855.



This preview shows how white text looks on a background with the XYZ color 51.3521, 41.8116,

65.6855.

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

51.3521, 41.8116, 65.6855

Protanopia

42.5690, 42.3063, 75.7344

Deuteranopia

42.7841, 41.8308, 64.2117



Tritanopia

46.9002, 41.7336, 44.1116

Trichromacy



Original Color

51.3521, 41.8116, 65.6855

Protanomaly

45.1661, 41.7960, 72.0166

Deuteranomaly

45.5949, 41.6465, 64.6670

Tritanomaly

48.3770, 41.5759, 51.3741

Monochromacy



Original Color

51.3521, 41.8116, 65.6855

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.1115, 43.2565, 54.1158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3521, 41.8116, 65.6855 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(217, 152, 209)` looks like.

```
.text, #text, p{  
    color:rgb(217, 152, 209)  
}
```

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(217, 152, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 152, 209) }
```

Border

The CSS property to change the border of an element to XYZ 51.3521, 41.8116, 65.6855 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(217, 152, 209) }
```


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

```
.border{ border-color:rgb(217, 152, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 152, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 152, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 152, 209);  
box-shadow:4px 4px 4px 4px rgb(217, 152,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3521, 41.8116, 65.6855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 152, 209) }
```

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

```
.background{ background-color: rgb(217,  
152, 209) }
```

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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