

Converting Colors

XYZ(51.2713, 41.7650, 65.2265)

Have a look what the booklet for
XYZ(51.2713, 41.7650, 65.2265)
contains.

XYZ(51.2287, 41.7623, 65.0354)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.2287, 41.7623,
65.0354)**

Conversions

Conversions Part 1

Format	Color
Hex	D998D0
RGB	217, 152, 208
RGB Percent	85%, 60%, 82%
CMY	0.1490, 0.4039, 0.1843
CMYK	0.00, 0.30, 0.04, 0.15
HSL	308°, 46%, 72%
HSV	308°, 30%, 85%
XYZ	51.2287, 41.7623, 65.0354
YIQ	177.8190, 20.7640, 31.1960

Conversions

Conversions Part 2

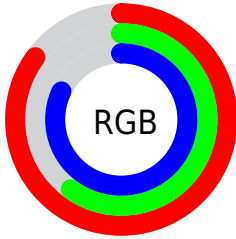
Format	Color
RYB	217, 152, 208
Decimal	14260432
CIELab	70.71, 33.17, -18.94
CIELCh	71, 38.197, 330.276
Yxy	41.7623, 0.3242, 0.2643
Android (android.graphics.Color)	4292450512 (0xFFD998D0)
YUV	177.8190, 14.8792, 34.3617
Hunter-Lab	64.6238, 28.4094, -14.4310

Details

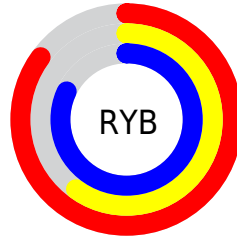
The XYZ color **51.2287, 41.7623, 65.0354** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.1965, 58.8756, 42.7555**, and the grayscale version is **42.1386, 44.3331, 48.2788**.

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 **47.6579, 35.2060, 62.0387**, and if you desaturate by 10%, it is **55.4534, 49.6137, 68.2855**.

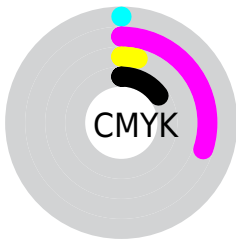
Distribution



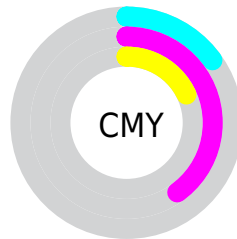
- Red (85%)
- Green (60%)
- Blue (82%)



- 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 51.2287, 41.7623, 65.0354 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 51.2287, 41.7623, 65.0354 by changing the saturation by 10% instead.


 51.2287, 41.7623,
65.0354


 51.2287, 41.7623,
65.0354


381.8247,
353.4966, 461.2289

 36.6124, 28.9152,
47.0383


 91.1737, 77.8397,
113.7145

 25.0799, 19.0167,
32.7113


 117.2332,
101.8389, 145.2336

 16.2656, 11.6823,
21.6361


147.8378,
130.3242, 182.0970

 9.8043, 6.5278,
13.3940

183.3528,
163.6800, 224.7234

 5.3307, 3.1686,
7.5665

224.1437,
202.2908, 273.5312

 2.4793, 1.2204,
3.7351

270.5757,

 0.8848, 0.0782,

246.5409, 328.9390

1.4812

323.0143,
296.8147, 391.3654

■ 0.0000, 0.0000,
0.2038

■ 0.0000, 0.0000,
0.0000

■ 51.2287, 41.7623,
65.0354

■ 51.2287, 41.7623,
65.0354

■ 47.6579, 35.2060,
62.0387

■ 55.4534, 49.6137,
68.2855

■ 44.7018, 29.8689,
59.2808

■ 60.3607, 58.8196,
71.7975

■ 42.3233, 25.6758,
56.7497

■ 65.9821, 69.4426,
75.5825

■ 40.4794, 22.5407,
54.4307

■ 72.3463, 81.5396,
79.6501

39.1210, 20.3658,
52.3073

77.6984, 91.6010,
83.4157

38.1900, 19.0347,
50.3601

78.1073, 91.7646,
85.5690

37.5828, 18.3406,
48.5542

78.5234, 91.9310,
87.7604

37.5801, 18.3377,
48.5457

78.9468, 92.1004,
89.9901

79.3776, 92.2727,
92.2582

Harmonies

Analogous

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



46.1514, 41.7623, 82.7033



51.2287, 41.7623, 65.0354



53.1502, 41.7623, 45.3041

Triad

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



51.2287, 41.7623, 65.0354



39.6351, 41.7623, 18.7644



30.0838, 41.7623, 65.4059

Complementary

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



51.2287, 41.7623, 65.0354



44.1965, 58.8756, 42.7555

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.



28.7250, 41.7623, 45.6405



51.2287, 41.7623, 65.0354



33.8686, 41.7623, 21.5246

Square

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



51.2287, 41.7623, 65.0354



46.0390, 41.7623, 21.4226



30.0350, 41.7623, 30.2873



33.9602, 41.7623, 82.9542

Rectangle

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



51.2287, 41.7623, 65.0354



52.2394, 41.7623, 34.4310



30.0350, 41.7623, 30.2873



29.3371, 41.7623, 58.6522

Sweetspot

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



51.2300, 41.7642, 65.0363



87.6532, 86.0184, 103.9310



38.3854, 35.0109, 70.3811



18.5227, 17.9620, 22.0802



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.



51.2300, 41.7642, 65.0363



70.4431, 53.9536, 90.9327



47.6651, 40.3382, 46.2636



13.5328, 13.2422, 16.0669



22.7781, 11.1123, 29.5410



1.4975, 0.7286, 2.0288

Inverse Universe

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



51.2300, 41.7642, 65.0363



70.4431, 53.9536, 90.9327



47.4076, 60.1601, 59.6646



13.5328, 13.2422, 16.0669



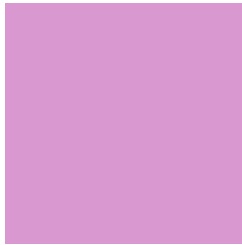
22.7781, 11.1123, 29.5410



1.4975, 0.7286, 2.0288

Previews

White Background



This preview shows how the XYZ color 51.2287, 41.7623, 65.0354 looks on a white background.

Color Contrast Check

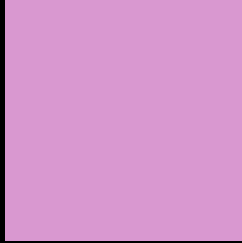
Large Text (above 18pt) WCAG AA × Fail

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 51.2287, 41.7623, 65.0354 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 51.2287, 41.7623, 65.0354

Background



This preview shows how black text looks on a background with the XYZ color 51.2287, 41.7623, 65.0354.



This preview shows how white text looks on a background with the XYZ color 51.2287, 41.7623,

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

51.2287, 41.7623, 65.0354

Protanopia

42.4457, 41.9768, 74.9724

Deuteranopia

42.8866, 41.8977, 63.5843



Tritanopia

46.9002, 41.7336, 44.1116

Trichromacy



Original Color

51.2287, 41.7623, 65.0354

Protanomaly

44.8559, 41.3844, 71.2695

Deuteranomaly

45.4730, 41.5978, 64.0250

Tritanomaly

48.2718, 41.5338, 50.8200

Monochromacy



Original Color

51.2287, 41.7623, 65.0354

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 51.2287, 41.7623, 65.0354 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(217, 152, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 152, 208) }
```

Border

The CSS property to change the border of an element to XYZ 51.2287, 41.7623, 65.0354 is called "border". The border property can be set on classes, ids or directly on the HTML element.

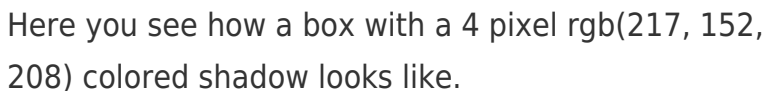
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 152, 208) }
```


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

```
.border{ border-color:rgb(217, 152, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 152, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 152, 208); box-shadow:4px 4px 4px 4px rgb(217, 152, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2287, 41.7623, 65.0354 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, 208) }
```

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

```
.background{ background-color: rgb(217,  
152, 208) }
```

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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