

Converting Colors

XYZ(53.2663, 41.2943, 74.1650)

Have a look what the booklet for
XYZ(53.2663, 41.2943, 74.1650)
contains.

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Color

**XYZ(53.2825, 41.2038,
74.2521)**

Conversions

Conversions Part 1

Format	Color
Hex	DD92DE
RGB	221, 146, 222
RGB Percent	87%, 57%, 87%
CMY	0.1333, 0.4274, 0.1294
CMYK	0.00, 0.34, 0.00, 0.13
HSL	299°, 54%, 72%
HSV	299°, 34%, 87%
XYZ	53.2825, 41.2038, 74.2521
YIQ	177.0890, 20.3040, 39.5360

Conversions

Conversions Part 2

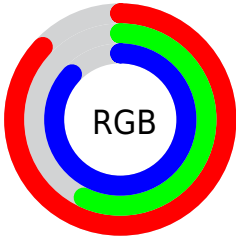
Format	Color
R_{YB}	221, 146, 222
Decimal	14521054
CIE _{Lab}	70.32, 40.21, -27.22
CIE _{LCh}	70, 48.555, 325.909
Yxy	41.2038, 0.3158, 0.2442
Android (android.graphics.Color)	4292711134 (0xFFDD92DE)
YUV	177.0890, 22.1411, 38.5099
Hunter-Lab	64.1902, 35.8351, -23.6507

Details

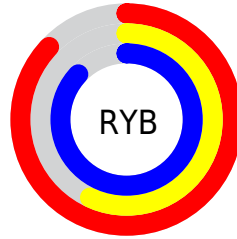
The XYZ color **53.2825, 41.2038, 74.2521** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.3435, 60.5219, 36.5935**, and the grayscale version is **41.7177, 43.8903, 47.7965**.

A 20% lighter version of the original color is **80.1766, 70.2533, 103.9422**, and **26.4948, 18.7948, 38.7905** is the 20% darker color. If you saturate the color by 10%, you get **50.0986, 34.9670, 73.2167**, and if you desaturate by 10%, it is **57.1337, 48.7732, 75.5108**.

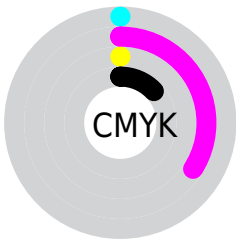
Distribution



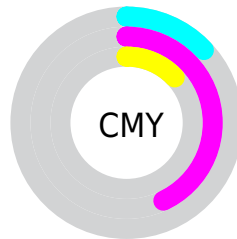
- Red (87%)
- Green (57%)
- Blue (87%)



- Red (87%)
- Yellow (57%)
- Blue (87%)



- Cyan (0%)
- Magenta (34%)
- Yellow (0%)
- Black (13%)





- Cyan (13%)
- Magenta (43%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2825, 41.2038, 74.2521 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 53.2825, 41.2038, 74.2521 by changing the saturation by 10% instead.


 53.2825, 41.2038,
74.2521


 53.2825, 41.2038,
74.2521


389.6112,
351.1717, 494.5297

 38.2567, 28.4784,
54.5024

 94.1830, 76.9932,
126.9905

 26.3601, 18.6866,
38.6075


 120.7885,
100.8259, 160.8161

 17.2273, 11.4440,
26.1491


151.9845,
129.1298, 200.1709

 10.4930, 6.3663,
16.7084

188.1365,
162.2894, 245.4733

 5.7918, 3.0691,
9.8671

229.6098,
200.6890, 297.1418

 2.7584, 1.1679,
5.2065

276.7698,

 1.0273, 0.0353,

244.7129, 355.5950

2.3081

329.9818,
294.7457, 421.2514

■ 0.0000, 0.0000,
0.7357

■ 0.0000, 0.0000,
0.0000

■ 53.2825, 41.2038,
74.2521

■ 53.2825, 41.2038,
74.2521

■ 50.0986, 34.9670,
73.2167

■ 57.1337, 48.7732,
75.5108

■ 47.5393, 29.9801,
72.3890

■ 61.6836, 57.7408,
77.0019

■ 45.5635, 26.1598,
71.7557

■ 66.9666, 68.1742,
78.7373

■ 44.1232, 23.4102,
71.3009

■ 73.0136, 80.1354,
80.7273

43.1629, 21.6206,
71.0061

79.2106, 92.3965,
82.7673

42.6151, 20.6557,
70.8488

79.3003, 92.4428,
82.7715

42.4230, 20.3467,
70.7992

79.3902, 92.4891,
82.7757

79.4803, 92.5355,
82.7799

79.5705, 92.5820,
82.7842

Harmonies

Analogous

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



46.2518, 41.2038, 97.0872



53.2825, 41.2038, 74.2521



56.5338, 41.2038, 48.0700

Triad

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



53.2825, 41.2038, 74.2521



40.2670, 41.2038, 13.7716



26.9270, 41.2038, 66.9161

Complementary

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



53.2825, 41.2038, 74.2521



43.3435, 60.5219, 36.5935

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.



25.7737, 41.2038, 41.8036



53.2825, 41.2038, 74.2521



32.8382, 41.2038, 15.8233

Square

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



53.2825, 41.2038, 74.2521



48.4010, 41.2038, 17.4392



27.7881, 41.2038, 24.4777



31.1822, 41.2038, 91.9399

Rectangle

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



53.2825, 41.2038, 74.2521



55.8364, 41.2038, 33.8716



27.7881, 41.2038, 24.4777



26.1908, 41.2038, 58.0092

Sweetspot

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



53.2838, 41.2056, 74.2530



87.3246, 84.7322, 106.3602



35.5158, 32.3373, 73.4777



18.4767, 17.7129, 22.6951



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.



53.2838, 41.2056, 74.2530



69.7643, 50.1768, 100.6158



49.1895, 39.6031, 51.0998



14.2763, 13.9260, 17.3232



25.2062, 12.0896, 42.0534



1.7530, 0.8410, 2.9152

Inverse Universe

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



45.6709, 38.1957, 32.5708



57.8714, 45.4779, 35.3585



46.4962, 61.7624, 54.1267



13.7145, 13.7034, 14.2669



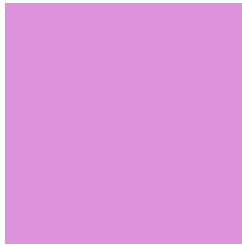
17.9059, 9.2293, 0.9041



1.2437, 0.6408, 0.0764

Previews

White Background



This preview shows how the XYZ color 53.2825, 41.2038, 74.2521 looks on a white background.

Color Contrast Check

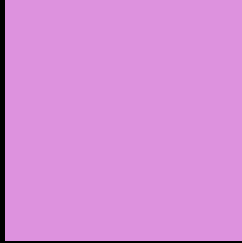
Large Text (above 18pt) WCAG AA × Fail

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 53.2825, 41.2038, 74.2521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

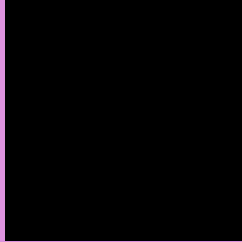
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2825, 41.2038, 74.2521

Background



This preview shows how black text looks on a background with the XYZ color 53.2825, 41.2038, 74.2521.



This preview shows how white text looks on a background with the XYZ color 53.2825, 41.2038,

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

53.2825, 41.2038, 74.2521

Protanopia

42.8654, 41.6200, 88.2123

Deuteranopia

42.3599, 41.4372, 72.0952



Tritanopia

46.9500, 41.2747, 43.0284

Trichromacy



Original Color

53.2825, 41.2038, 74.2521



Protanomaly

45.3573, 40.6030, 82.5374



Deuteranomaly

45.5386, 40.9185, 72.5157



Tritanomaly

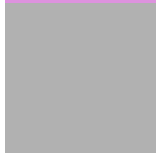
49.0836, 41.1650, 52.9356

Monochromacy



Original Color

53.2825, 41.2038, 74.2521



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

45.2542, 42.4601, 56.2626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2825, 41.2038, 74.2521 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(221, 146, 222)` looks like.

```
.text, #text, p{  
    color:rgb(221, 146, 222)  
}
```

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(221, 146, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 146, 222) }
```

Border

The CSS property to change the border of an element to XYZ 53.2825, 41.2038, 74.2521 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(221, 146, 222) }
```


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

```
.border{ border-color:rgb(221, 146, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 146, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 146, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 146, 222); box-shadow:4px 4px 4px 4px rgb(221, 146, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2825, 41.2038, 74.2521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 146, 222) }
```

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

```
.background{ background-color: rgb(221,  
146, 222) }
```

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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