

Converting Colors

XYZ(53.1625, 41.2524, 82.9344)

Have a look what the booklet for
XYZ(53.1625, 41.2524, 82.9344)
contains.

XYZ(53.0166, 41.1041, 82.9815)	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(53.0166, 41.1041,
82.9815)**

Conversions

Conversions Part 1

Format	Color
Hex	D693EA
RGB	214, 147, 234
RGB Percent	84%, 58%, 92%
CMY	0.1608, 0.4235, 0.0823
CMYK	0.09, 0.37, 0.00, 0.08
HSL	286°, 67%, 75%
HSV	286°, 37%, 92%
XYZ	53.0166, 41.1041, 82.9815
YIQ	176.9510, 12.0050, 41.2610

Conversions

Conversions Part 2

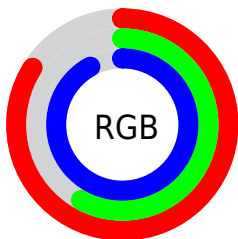
Format	Color
RYB	214, 147, 234
Decimal	14062570
CIELab	70.25, 39.82, -33.98
CIELCh	70, 52.351, 319.527
Yxy	41.1041, 0.2994, 0.2321
Android (android.graphics.Color)	4292252650 (0xFFD693EA)
YUV	176.9510, 28.1252, 32.4920
Hunter-Lab	64.1125, 35.4104, -31.8610

Details

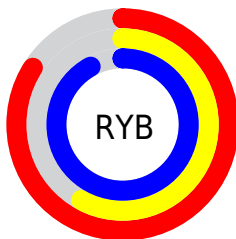
The XYZ color **53.0166, 41.1041, 82.9815** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **50.6269, 69.1687, 38.2882**, and the grayscale version is **41.6181, 43.7855, 47.6824**.

A 20% lighter version of the original color is **80.4105, 70.7211, 104.0202**, and **26.2286, 18.6679, 44.3403** is the 20% darker color. If you saturate the color by 10%, you get **48.1975, 33.7573, 81.8180**, and if you desaturate by 10%, it is **58.6304, 49.9612, 84.3958**.

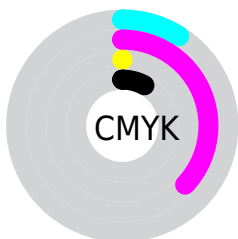
Distribution



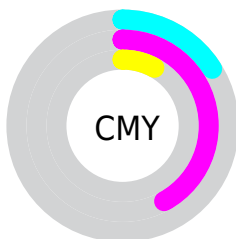
- Red (84%)
- Green (58%)
- Blue (92%)



- Red (84%)
- Yellow (58%)
- Blue (92%)



- Cyan (9%)
- Magenta (37%)
- Yellow (0%)
- Black (8%)




- Cyan (16%)
- Magenta (42%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0166, 41.1041, 82.9815 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 53.0166, 41.1041, 82.9815 by changing the saturation by 10% instead.


 53.0166, 41.1041,
82.9815

 53.0166, 41.1041,
82.9815


388.6086,
350.7555, 524.8942

 38.0436, 28.4004,
61.6344


 93.7942, 76.8419,
139.3986

 26.1939, 18.6277,
44.3034


 120.3294,
100.6448, 175.3056

 17.1022, 11.4016,
30.5702


151.4494,
128.9163, 216.9029

 10.4031, 6.3376,
20.0161

187.5196,
162.0407, 264.6092

 5.7314, 3.0515,
12.2225

228.9052,
200.4024, 318.8429

 2.7215, 1.1587,
6.7710

275.9717,

 1.0083, 0.0275,

244.3859, 380.0227

3.2431

329.0844,
294.3754, 448.5669

■ 0.0000, 0.0000,
1.2200

■ 0.0000, 0.0000,
0.0000

■ 53.0166, 41.1041,
82.9815

■ 53.0166, 41.1041,
82.9815

■ 48.1975, 33.7573,
81.8180

■ 58.6304, 49.9612,
84.3958

■ 44.1232, 27.8249,
80.8877

■ 65.0765, 60.4063,
86.0722

■ 40.7446, 23.2083,
80.1747

■ 72.3951, 72.5180,
88.0243

■ 38.0043, 19.7937,
79.6600

■ 80.6224, 86.3681,
90.2640

■ 35.8352, 17.4475,
79.3215

■ 86.8523, 96.1434,
91.8225

■ 34.1500, 15.9958,
79.1301

■ 88.7148, 97.1036,
91.9096

■ 33.7224, 15.6689,
79.0896

■ 90.6320, 98.0920,
91.9993

■ 91.8514, 98.7206,
92.0564

Harmonies

Analogous

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



44.8488, 41.1041, 105.7212



53.0166, 41.1041, 82.9815



57.6491, 41.1041, 53.9087

Triad

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



53.0166, 41.1041, 82.9815



42.1457, 41.1041, 12.5087



25.4860, 41.1041, 62.4872

Complementary

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



53.0166, 41.1041, 82.9815



50.6269, 69.1687, 38.2882

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.



24.9821, 41.1041, 36.7016



53.0166, 41.1041, 82.9815



33.8070, 41.1041, 13.3526

Square

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



53.0166, 41.1041, 82.9815



50.7902, 41.1041, 17.5678



27.8098, 41.1041, 20.5512



29.3046, 41.1041, 91.2025

Rectangle

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



53.0166, 41.1041, 82.9815



57.7104, 41.1041, 37.3787



27.8098, 41.1041, 20.5512



24.9470, 41.1041, 53.0438

Sweetspot

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



53.0180, 41.1059, 82.9824



84.4128, 82.1883, 106.0226



40.7592, 39.8928, 83.3944



17.8071, 17.1599, 22.6236



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.



53.0180, 41.1059, 82.9824



59.6570, 42.6451, 99.6948



56.0994, 43.0546, 66.8514



15.3566, 15.1291, 19.0331



19.0651, 8.8643, 44.4491



1.5794, 0.7385, 3.4942

Inverse Universe

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



51.3417, 41.1515, 41.7978



57.5954, 42.8656, 41.6178



48.7315, 67.9596, 48.6803



15.2073, 15.1108, 16.3770



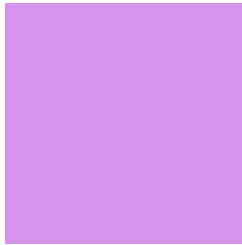
19.4789, 9.9943, 3.0574



1.5656, 0.7992, 0.4296

Previews

White Background



This preview shows how the XYZ color 53.0166, 41.1041, 82.9815 looks on a white background.

Color Contrast Check

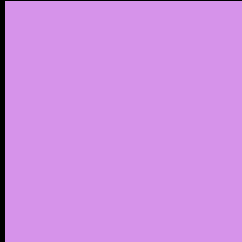
Large Text (above 18pt) WCAG AA × Fail

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 53.0166, 41.1041, 82.9815 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 53.0166, 41.1041, 82.9815

Background



This preview shows how black text looks on a background with the XYZ color 53.0166, 41.1041, 82.9815.

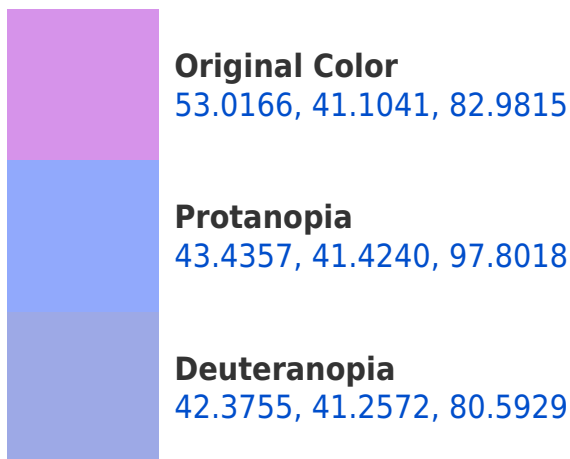


This preview shows how white text looks on a background with the XYZ color 53.0166, 41.1041,

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





Tritanopia

45.1940, 41.0993, 44.5807

Trichromacy



Original Color

53.0166, 41.1041, 82.9815



Protanomaly

45.8039, 40.6284, 91.8141



Deuteranomaly

45.5288, 40.7242, 81.0622



Tritanomaly

47.5841, 40.7927, 56.9956

Monochromacy



Original Color

53.0166, 41.1041, 82.9815



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

45.0645, 42.2968, 59.2150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0166, 41.1041, 82.9815 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(214, 147, 234)` looks like.

```
.text, #text, p{  
    color:rgb(214, 147, 234)  
}
```

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(214, 147, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 147, 234) }
```

Border

The CSS property to change the border of an element to XYZ 53.0166, 41.1041, 82.9815 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(214, 147, 234) }
```


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

```
.border{ border-color:rgb(214, 147, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 147, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 147, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 147, 234);  
box-shadow:4px 4px 4px 4px rgb(214, 147,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0166, 41.1041, 82.9815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 147, 234) }
```

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

```
.background{ background-color: rgb(214,  
147, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor