

Converting Colors

XYZ(41.8997, 27.4093, 52.9513)

Have a look what the booklet for
XYZ(41.8997, 27.4093, 52.9513)
contains.

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Color

**XYZ(41.8997, 27.4093,
52.9513)**

Conversions

Conversions Part 1

Format	Color
Hex	D665C0
RGB	214, 101, 192
RGB Percent	84%, 40%, 75%
CMY	0.1608, 0.6039, 0.2471
CMYK	0.00, 0.53, 0.10, 0.16
HSL	312°, 58%, 62%
HSV	312°, 53%, 84%
XYZ	41.8997, 27.4093, 52.9513
YIQ	145.1610, 38.1370, 52.2570

Conversions

Conversions Part 2

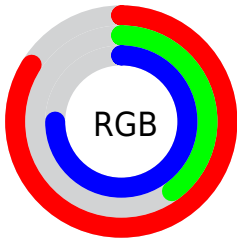
Format	Color
R_{YB}	214, 101, 192
Decimal	14050752
CIE _{Lab}	59.35, 55.74, -27.36
CIE _{LCh}	59, 62.098, 333.856
Yxy	27.4093, 0.3427, 0.2242
Android (android.graphics.Color)	4292240832 (0xFFD665C0)
YUV	145.1610, 23.0916, 60.3718
Hunter-Lab	52.3539, 51.2372, -23.3188

Details

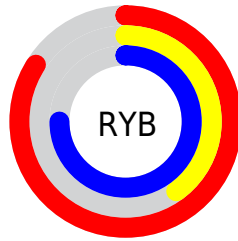
The XYZ color **41.8997, 27.4093, 52.9513** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **32.9899, 52.2909, 27.0954**, and the grayscale version is **26.8783, 28.2781, 30.7948**.

A 20% lighter version of the original color is **70.2273, 51.8765, 95.9343**, and **19.4305, 10.8798, 25.1207** is the 20% darker color. If you saturate the color by 10%, you get **39.6309, 23.5997, 49.9495**, and if you desaturate by 10%, it is **44.7242, 32.3084, 56.2033**.

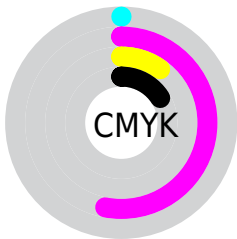
Distribution



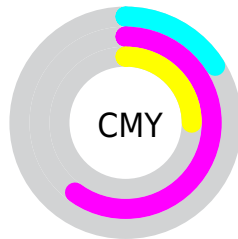
- Red (84%)
- Green (40%)
- Blue (75%)



- Red (84%)
- Yellow (40%)
- Blue (75%)



- Cyan (0%)
- Magenta (53%)
- Yellow (10%)
- Black (16%)





- Cyan (16%)
- Magenta (60%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8997, 27.4093, 52.9513 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 41.8997, 27.4093, 52.9513 by changing the saturation by 10% instead.


 41.8997, 27.4093,
52.9513

 41.8997, 27.4093,
52.9513

345.0657,
289.6335, 415.1592


 29.2135, 17.8809,
37.3764

 77.3139, 55.5400,
95.9735


 19.3875, 10.8645,
25.2010


 100.7727, 74.9110,
124.2580

 12.0563, 5.9758,
16.0065


 128.5530, 98.3316,
157.6160

 6.8545, 2.8304,
9.3743

 161.0203,
126.1863, 196.4662

 3.4168, 1.0438,
4.8860

198.5398,
158.8595, 241.2271

 1.3778, 0.0000,
2.1230

241.4770,

 0.2403, 0.0000,

196.7354, 292.3172

0.6294

290.1972,
240.1986, 350.1551

■ 0.0000, 0.0000,
0.0000

■ 41.8997, 27.4093,
52.9513

■ 41.8997, 27.4093,
52.9513

■ 39.6309, 23.5997,
49.9495

■ 44.7242, 32.3084,
56.2033

■ 37.8722, 20.7899,
47.1815

■ 48.1402, 38.3699,
59.7172

■ 36.5748, 18.8823,
44.6307

■ 52.1834, 45.6647,
63.5058

■ 35.6792, 17.7578,
42.2767

■ 56.8862, 54.2571,
67.5802

■ 35.2104, 17.2877,
40.6794

■ 62.2784, 64.2068,
71.9510

■ 68.3882, 75.5699,
76.6280

■ 75.2421, 88.3992,
81.6206

■ 77.1281, 91.2708,
85.0251

■ 77.7047, 91.5015,
88.0618

Harmonies

Analogous

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



35.2946, 27.4093, 81.3562



41.8997, 27.4093, 52.9513



43.9856, 27.4093, 27.0578

Triad

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



41.8997, 27.4093, 52.9513



25.0597, 27.4093, 4.2717



15.5086, 27.4093, 60.5976

Complementary

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



41.8997, 27.4093, 52.9513



32.9899, 52.2909, 27.0954

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.



13.8059, 27.4093, 32.8154



41.8997, 27.4093, 52.9513



18.5822, 27.4093, 6.5455

Square

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



41.8997, 27.4093, 52.9513



33.2063, 27.4093, 5.5537



14.8083, 27.4093, 14.6799



20.0066, 27.4093, 87.1023

Rectangle

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



41.8997, 27.4093, 52.9513



42.2469, 27.4093, 15.6664



14.8083, 27.4093, 14.6799



14.6359, 27.4093, 50.7135

Sweetspot

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



41.9006, 27.4106, 52.9518



82.1344, 76.1733, 98.4151



24.7787, 18.2809, 65.8416



17.2663, 15.7304, 20.7941



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.



41.9006, 27.4106, 52.9518



58.6906, 34.6945, 73.9261



36.8862, 25.4048, 26.5466



12.8445, 12.5893, 15.1216



21.3194, 10.4641, 24.7836



1.3130, 0.6420, 1.6378

Inverse Universe

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



41.9006, 27.4106, 52.9518



58.6906, 34.6945, 73.9261



37.4722, 54.0839, 50.6992



12.8445, 12.5893, 15.1216



21.3194, 10.4641, 24.7836



1.3130, 0.6420, 1.6378

Previews

White Background



This preview shows how the XYZ color 41.8997, 27.4093, 52.9513 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 41.8997, 27.4093, 52.9513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

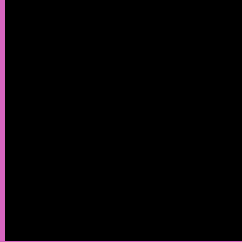
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.8997, 27.4093, 52.9513

Background



This preview shows how black text looks on a background with the XYZ color 41.8997, 27.4093, 52.9513.



This preview shows how white text looks on a background with the XYZ color 41.8997, 27.4093,

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

41.8997, 27.4093, 52.9513

Protanopia

29.7895, 27.9423, 74.3443

Deuteranopia

28.2735, 27.7034, 49.7561



Tritanopia

35.7951, 27.4686, 22.8174

Trichromacy



Original Color

41.8997, 27.4093, 52.9513

Protanomaly

31.9222, 26.1592, 65.6541

Deuteranomaly

31.8478, 26.4451, 51.0028

Tritanomaly

37.6876, 27.2404, 31.7053

Monochromacy



Original Color

41.8997, 27.4093, 52.9513

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

30.9494, 26.8552, 37.7348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8997, 27.4093, 52.9513 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, 101, 192)` looks like.

```
.text, #text, p{  
    color:rgb(214, 101, 192)  
}
```

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, 101, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 101, 192) }
```

Border

The CSS property to change the border of an element to XYZ 41.8997, 27.4093, 52.9513 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, 101, 192) }
```


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

```
.border{ border-color:rgb(214, 101, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 101, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 101, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 101, 192);  
box-shadow:4px 4px 4px 4px rgb(214, 101,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8997, 27.4093, 52.9513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 101, 192) }
```

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

```
.background{ background-color: rgb(214,  
101, 192) }
```

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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