

Converting Colors

XYZ(41.5853, 23.2127, 65.6282)

Have a look what the booklet for
XYZ(41.5853, 23.2127, 65.6282)
contains.

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Color

**XYZ(41.7063, 23.2574,
65.9093)**

Conversions

Conversions Part 1

Format	Color
Hex	D545D6
RGB	213, 69, 214
RGB Percent	84%, 27%, 84%
CMY	0.1647, 0.7294, 0.1608
CMYK	0.00, 0.68, 0.00, 0.16
HSL	300°, 64%, 55%
HSV	300°, 68%, 84%
XYZ	41.7063, 23.2574, 65.9093
YIQ	128.5860, 39.2790, 75.6230

Conversions

Conversions Part 2

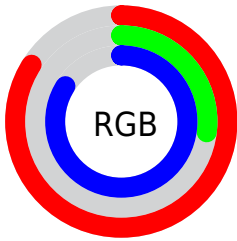
Format	Color
R _Y B	213, 69, 214
Decimal	13977046
CIE Lab	55.34, 72.46, -46.19
CIE LCh	55, 85.933, 327.486
Yxy	23.2574, 0.3187, 0.1777
Android (android.graphics.Color)	4292167126 (0xFFD545D6)
YUV	128.5860, 42.1091, 74.0311
Hunter-Lab	48.2259, 69.9733, -47.2722

Details

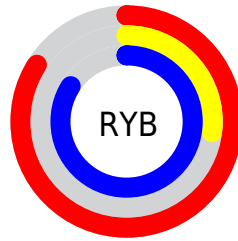
The XYZ color **41.7063, 23.2574, 65.9093** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **27.6472, 49.8254, 13.7914**, and the grayscale version is **20.5711, 21.6424, 23.5686**.

A 20% lighter version of the original color is **67.0092, 43.9183, 99.5531**, and **19.5844, 9.3732, 33.5779** is the 20% darker color. If you saturate the color by 10%, you get **40.5768, 21.0612, 65.5452**, and if you desaturate by 10%, it is **43.3120, 26.4046, 66.4325**.

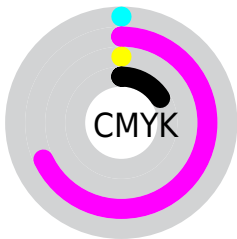
Distribution



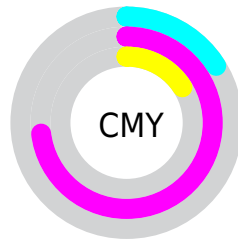
- Red (84%)
- Green (27%)
- Blue (84%)



- Red (84%)
- Yellow (27%)
- Blue (84%)



- Cyan (0%)
- Magenta (68%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (73%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7063, 23.2574, 65.9093 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 41.7063, 23.2574, 65.9093 by changing the saturation by 10% instead.


 41.7063, 23.2574,
65.9093


 41.7063, 23.2574,
65.9093


344.2764,
269.0443, 464.4478

 29.0615, 14.7837,
47.7428


 77.0229, 48.8156,
114.9819

 19.2719, 8.6677,
33.2647


 100.4254, 66.6689,
146.7251


 11.9721, 4.5251,
22.0565


 128.1445, 88.4176,
183.8308

 6.7967, 1.9714,
13.6997

 160.5455,
114.4459, 226.7177

 3.3805, 0.5908,
7.7758

 197.9939,
145.1384, 275.8044

 1.3580, 0.0000,
3.8661

240.8549,

 0.2260, 0.0000,

180.8793, 331.5092

1.5522

289.4939,
222.0532, 394.2508

■ 0.0000, 0.0000,
0.2563

■ 0.0000, 0.0000,
0.0000

■ 41.7063, 23.2574,
65.9093

■ 41.7063, 23.2574,
65.9093

■ 40.5768, 21.0612,
65.5452

■ 43.3120, 26.4046,
66.4325

■ 39.8672, 19.7053,
65.3209

■ 45.4371, 30.5913,
67.1286

■ 39.5027, 19.0397,
65.2117

■ 48.1230, 35.8993,
68.0116

■ 39.4409, 18.9304,
65.1938

■ 51.4061, 42.4017,
69.0936

55.3197, 50.1652,
70.3858

59.8947, 59.2516,
71.8986

65.1602, 69.7185,
73.6414

71.1431, 81.6205,
75.6233

75.7252, 90.7207,
77.1384

Harmonies

Analogous

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



31.8098, 23.2574, 107.6258



41.7063, 23.2574, 65.9093



46.2717, 23.2574, 27.7240

Triad

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



41.7063, 23.2574, 65.9093



22.9285, 23.2574, 0.6682



9.4033, 23.2574, 58.5687

Complementary

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



41.7063, 23.2574, 65.9093



27.6472, 49.8254, 13.7914

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.



8.2783, 23.2574, 23.0654



41.7063, 23.2574, 65.9093



14.6076, 23.2574, 1.3916

Square

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



41.7063, 23.2574, 65.9093



33.6388, 23.2574, 1.7560



9.8708, 23.2574, 6.1663



13.5651, 23.2574, 101.6309

Rectangle

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



41.7063, 23.2574, 65.9093



44.9131, 23.2574, 12.4888



9.8708, 23.2574, 6.1663



8.7217, 23.2574, 44.8539

Sweetspot

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



41.7072, 23.2585, 65.9098



80.7537, 71.5991, 104.1716



16.8726, 10.6810, 64.7910



16.9244, 14.6106, 22.1781



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.



41.7072, 23.2585, 65.9098



59.8438, 30.3620, 97.3141



34.8881, 20.5644, 28.4840



12.9442, 12.6282, 15.6928



23.8433, 11.4442, 39.4054



1.4409, 0.6917, 2.3769

Inverse Universe

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



30.9659, 18.9955, 7.8297



42.8884, 23.6401, 5.3058



31.1679, 51.2254, 32.7042



12.4267, 12.4222, 12.9214



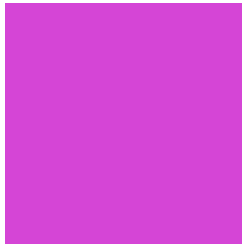
16.7684, 8.6437, 0.8184



1.0126, 0.5218, 0.0559

Previews

White Background



This preview shows how the XYZ color 41.7063, 23.2574, 65.9093 looks on a white background.

Color Contrast Check

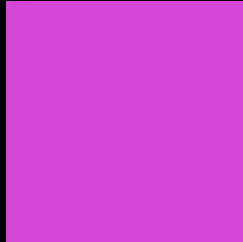
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.7063, 23.2574, 65.9093 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 41.7063, 23.2574, 65.9093

Background



This preview shows how black text looks on a background with the XYZ color 41.7063, 23.2574, 65.9093.

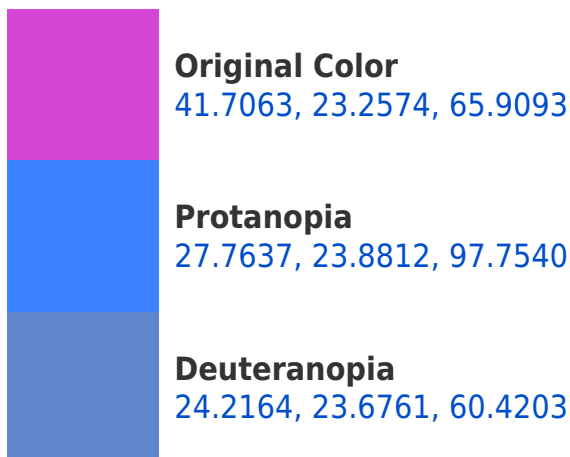


This preview shows how white text looks on a background with the XYZ color 41.7063, 23.2574,

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

31.6532, 23.0460, 17.5319

Trichromacy



Original Color

41.7063, 23.2574, 65.9093



Protanomaly

28.1883, 20.5197, 84.9131



Deuteranomaly

27.6086, 21.1949, 62.3104



Tritanomaly

34.1783, 22.4296, 30.5449

Monochromacy



Original Color

41.7063, 23.2574, 65.9093



Achromatopsia

20.8660, 21.9526, 23.9064



Achromatomaly

26.1001, 20.5270, 35.8442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7063, 23.2574, 65.9093 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(213, 69, 214)` looks like.

```
.text, #text, p{  
    color:rgb(213, 69, 214)  
}
```

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(213, 69, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 69, 214) }
```

Border

The CSS property to change the border of an element to XYZ 41.7063, 23.2574, 65.9093 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(213, 69, 214) }
```


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

```
.border{ border-color:rgb(213, 69, 214) }
```

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

Here you see how a box with a 4 pixel rgb(213, 69, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 69, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 69, 214);  
box-shadow:4px 4px 4px 4px rgb(213, 69,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7063, 23.2574, 65.9093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 69, 214) }
```

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

```
.background{ background-color: rgb(213, 69,  
214) }
```

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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