

Converting Colors

XYZ(35.0863, 18.8863, 21.8150)

Have a look what the booklet for
XYZ(35.0863, 18.8863, 21.8150)
contains.

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Color

**XYZ(35.0902, 18.8762,
21.8727)**

Conversions

Conversions Part 1

Format	Color
Hex	DF2A7F
RGB	223, 42, 127
RGB Percent	87%, 16%, 50%
CMY	0.1255, 0.8352, 0.5020
CMYK	0.00, 0.81, 0.43, 0.13
HSL	332°, 74%, 52%
HSV	332°, 81%, 87%
XYZ	35.0902, 18.8762, 21.8727
YIQ	105.8090, 80.5910, 64.8070

Conversions

Conversions Part 2

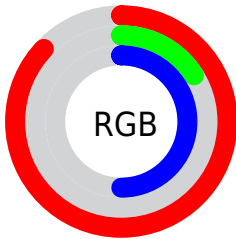
Format	Color
R_{YB}	223, 42, 127
Decimal	14625407
CIE Lab	50.54, 71.87, -2.40
CIE LCh	51, 71.911, 358.084
Yxy	18.8762, 0.4627, 0.2489
Android (android.graphics.Color)	4292815487 (0xFFDF2A7F)
YUV	105.8090, 10.4472, 102.7765
Hunter-Lab	43.4467, 68.1355, 0.5639

Details

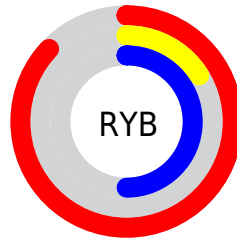
The XYZ color **35.0902, 18.8762, 21.8727** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **31.9316, 55.1033, 33.0033**, and the grayscale version is **13.6061, 14.3147, 15.5887**.

A 20% lighter version of the original color is **54.8408, 35.2804, 47.0994**, and **16.2754, 8.2314, 7.9387** is the 20% darker color. If you saturate the color by 10%, you get **33.7810, 17.4201, 17.8535**, and if you desaturate by 10%, it is **36.9303, 21.2495, 26.5157**.

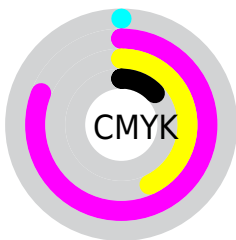
Distribution



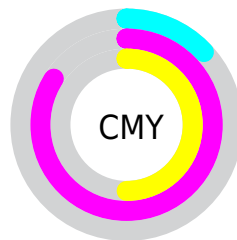
- Red (87%)
- Green (16%)
- Blue (50%)



- Red (87%)
- Yellow (16%)
- Blue (50%)



- Cyan (0%)
- Magenta (81%)
- Yellow (43%)
- Black (13%)




- Cyan (13%)
- Magenta (84%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0902, 18.8762, 21.8727 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 35.0902, 18.8762, 21.8727 by changing the saturation by 10% instead.


 35.0902, 18.8762,
21.8727


 35.0902, 18.8762,
21.8727


316.4673,
245.7645, 274.8125


 23.8992, 11.5809,
13.5660


 66.9586, 41.5248,
47.4350


 15.3832, 6.4590,
7.6841


 88.3667, 57.6469,
65.5276

 9.1768, 3.1261,
3.8086


 113.9112, 77.4799,
87.7193

 4.9147, 1.1979,
1.5210

 143.9575,
101.4084, 114.4286

 2.2316, 0.0600,
0.2335

 178.8709,
129.8167, 146.0741

 0.7593, 0.0000,
0.0000

219.0167,

 0.0000, 0.0000,

163.0892, 183.0742

0.0000

264.7604,
201.6104, 225.8475

■ 35.0902, 18.8762,
21.8727

■ 35.0902, 18.8762,
21.8727

■ 33.7810, 17.4201,
17.8535

■ 36.9303, 21.2495,
26.5157

■ 32.9666, 16.7020,
14.7741

■ 39.3667, 24.6654,
31.8186

■ 42.4559, 29.2330,
37.8142

■ 46.2473, 35.0466,
44.5326

■ 50.7853, 42.1906,
52.0011

■ 56.1103, 50.7420,
60.2458

■ 62.2597, 60.7718,
69.2910

■ 69.2687, 72.3464,
79.1600

■ 77.1702, 85.5279,
89.8750

Harmonies

Analogous

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



32.0064, 18.8762, 48.5039



35.0902, 18.8762, 21.8727



32.6748, 18.8762, 7.1997

Triad

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



35.0902, 18.8762, 21.8727



12.3088, 18.8762, 1.8357



11.7108, 18.8762, 73.9066

Complementary

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



35.0902, 18.8762, 21.8727



31.9316, 55.1033, 33.0033

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.



8.4748, 18.8762, 44.6431



35.0902, 18.8762, 21.8727



8.7515, 18.8762, 6.1436

Square

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



35.0902, 18.8762, 21.8727



18.3963, 18.8762, 1.0714



7.5515, 18.8762, 19.2874



17.4937, 18.8762, 88.4288

Rectangle

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



35.0902, 18.8762, 21.8727



28.5505, 18.8762, 3.1224



7.5515, 18.8762, 19.2874



10.3519, 18.8762, 64.8101

Sweetspot

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



35.0907, 18.8773, 21.8730



73.7443, 65.0574, 78.1564



24.2239, 12.1791, 70.8861



15.2284, 13.0320, 15.8688



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.



35.0907, 18.8773, 21.8730



44.9484, 22.8762, 21.0486



31.7892, 17.7344, 3.9395



13.9738, 13.8071, 15.6321



19.4399, 9.8430, 8.9824



1.3924, 0.7002, 0.8593

Inverse Universe

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



35.0907, 18.8773, 21.8730



44.9484, 22.8762, 21.0486



39.8636, 56.9981, 78.7128



13.9738, 13.8071, 15.6321



19.4399, 9.8430, 8.9824



1.3924, 0.7002, 0.8593

Previews

White Background



This preview shows how the XYZ color 35.0902, 18.8762, 21.8727 looks on a white background.

Color Contrast Check

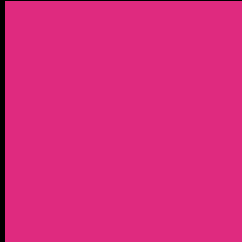
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0902, 18.8762, 21.8727 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 35.0902, 18.8762, 21.8727

Background



This preview shows how black text looks on a background with the XYZ color 35.0902, 18.8762, 21.8727.



This preview shows how white text looks on a background with the XYZ color 35.0902, 18.8762,

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

35.0902, 18.8762, 21.8727

Protanopia

19.9457, 19.1927, 42.6977

Deuteranopia

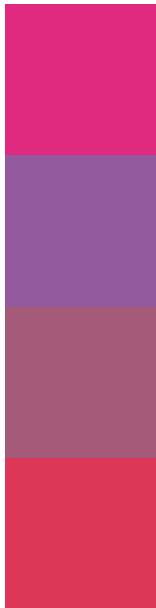
19.4628, 19.0989, 19.8002



Tritanopia

31.8615, 18.8755, 6.8145

Trichromacy



Original Color

35.0902, 18.8762, 21.8727

Protanomaly

21.8595, 16.1195, 33.8575

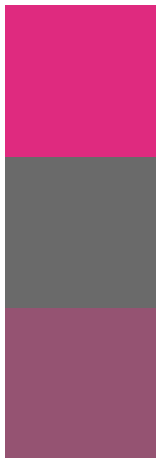
Deuteranomaly

22.8332, 16.7998, 20.1284

Tritanomaly

32.6017, 18.6361, 10.8957

Monochromacy



Original Color

35.0902, 18.8762, 21.8727

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

18.5249, 13.7910, 17.6051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0902, 18.8762, 21.8727 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(223, 42, 127)` looks like.

```
.text, #text, p{  
    color:rgb(223, 42, 127)  
}
```

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(223, 42, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 42, 127) }
```

Border

The CSS property to change the border of an element to XYZ 35.0902, 18.8762, 21.8727 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(223, 42, 127) }
```


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

```
.border{ border-color:rgb(223, 42, 127) }
```

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

Here you see how a box with a 4 pixel rgb(223, 42, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 42, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 42, 127);  
box-shadow:4px 4px 4px 4px rgb(223, 42,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0902, 18.8762, 21.8727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 42, 127) }
```

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

```
.background{ background-color: rgb(223, 42,  
127) }
```

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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