

Converting Colors

XYZ(35.9047, 22.0819, 17.8181)

Have a look what the booklet for
XYZ(35.9047, 22.0819, 17.8181)
contains.

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Color

**XYZ(36.0099, 22.1656,
17.7097)**

Conversions

Conversions Part 1

Format	Color
Hex	DF4D70
RGB	223, 77, 112
RGB Percent	87%, 30%, 44%
CMY	0.1255, 0.6980, 0.5608
CMYK	0.00, 0.65, 0.50, 0.13
HSL	346°, 70%, 59%
HSV	346°, 65%, 87%
XYZ	36.0099, 22.1656, 17.7097
YIQ	124.6440, 75.7810, 41.8370

Conversions

Conversions Part 2

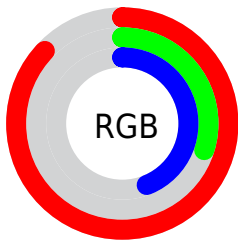
Format	Color
RYB	223, 77, 112
Decimal	14634352
CIELab	54.20, 59.20, 11.87
CIElCh	54, 60.378, 11.334
Yxy	22.1656, 0.4745, 0.2921
Android (android.graphics.Color)	4292824432 (0xFFDF4D70)
YUV	124.6440, -6.2335, 86.2582
Hunter-Lab	47.0804, 54.1370, 10.6538

Details

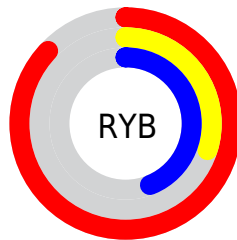
The XYZ color **36.0099, 22.1656, 17.7097** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **38.5269, 57.9845, 56.7432**, and the grayscale version is **19.3770, 20.3861, 22.2005**.

A 20% lighter version of the original color is **56.2384, 40.6794, 39.5382**, and **15.8653, 8.0847, 5.7253** is the 20% darker color. If you saturate the color by 10%, you get **33.8513, 19.2198, 12.7630**, and if you desaturate by 10%, it is **38.8820, 26.2541, 23.7717**.

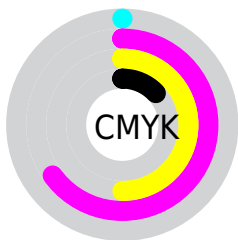
Distribution



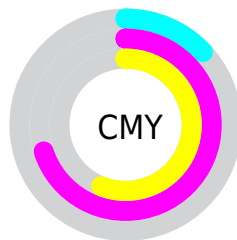
- Red (87%)
- Green (30%)
- Blue (44%)



- Red (87%)
- Yellow (30%)
- Blue (44%)



- Cyan (0%)
- Magenta (65%)
- Yellow (50%)
- Black (13%)





- Cyan (13%)
- Magenta (70%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0099, 22.1656, 17.7097 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 36.0099, 22.1656, 17.7097 by changing the saturation by 10% instead.


 36.0099, 22.1656,
17.7097


 36.0099, 22.1656,
17.7097


320.4343,
263.4099, 251.4106


 24.6120, 13.9786,
10.5745


 68.3711, 47.0195,
40.3493


 15.9154, 8.1058,
5.6709


 90.0651, 64.4553,
56.6907


 9.5548, 4.1627,
2.5805


 115.9219, 85.7428,
76.9380

 5.1648, 1.7650,
0.8824

 146.3067,
111.2664, 101.5096

 2.3800, 0.4652,
0.0000

 181.5851,
141.4105, 130.8241

 0.8351, 0.0000,
0.0000

222.1222,

 0.0000, 0.0000,

176.5595, 165.3001

0.0000

268.2835,
217.0978, 205.3561

■ 36.0099, 22.1656,
17.7097

■ 36.0099, 22.1656,
17.7097

■ 33.8513, 19.2198,
12.7630

■ 38.8820, 26.2541,
23.7717

■ 32.3373, 17.2945,
8.8586

■ 42.5243, 31.5837,
31.0127

■ 31.3870, 16.2457,
5.9155

■ 46.9896, 38.2465,
39.4930

■ 31.0843, 15.9491,
4.8627

■ 52.3255, 46.3244,
49.2680

■ 58.5758, 55.8932,
60.3900

■ 65.7814, 67.0229,
72.9080

■ 73.9805, 79.7793,
86.8687

■ 83.0789, 93.9629,
102.2731

■ 84.2413, 94.4279,
108.3942

Harmonies

Analogous

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



35.4165, 22.1656, 37.6378



36.0099, 22.1656, 17.7097



32.0267, 22.1656, 7.2766

Triad

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



36.0099, 22.1656, 17.7097



13.7881, 22.1656, 5.9046



17.2838, 22.1656, 77.0707

Complementary

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



36.0099, 22.1656, 17.7097



38.5269, 57.9845, 56.7432

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.



12.9462, 22.1656, 56.7098



36.0099, 22.1656, 17.7097



11.2362, 22.1656, 14.3223

Square

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



36.0099, 22.1656, 17.7097



18.6852, 22.1656, 3.2183



10.9639, 22.1656, 31.9511



23.6446, 22.1656, 79.6923

Rectangle

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



36.0099, 22.1656, 17.7097



27.7149, 22.1656, 4.2910



10.9639, 22.1656, 31.9511



15.5787, 22.1656, 71.7194

Sweetspot

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



36.0105, 22.1668, 17.7101



75.2565, 69.4152, 74.5496



36.3456, 21.1388, 71.9763



15.6031, 14.0857, 15.0556



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.



36.0105, 22.1668, 17.7101



44.9284, 24.8127, 14.9486



37.7330, 28.1475, 10.4672



13.8412, 13.7541, 14.9341



18.3142, 9.3927, 3.0544



1.3043, 0.6650, 0.3951

Inverse Universe

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



36.0105, 22.1668, 17.7101



44.9284, 24.8127, 14.9486



34.0454, 42.2355, 76.1696



13.8412, 13.7541, 14.9341



18.3142, 9.3927, 3.0544



1.3043, 0.6650, 0.3951

Previews

White Background



This preview shows how the XYZ color 36.0099, 22.1656, 17.7097 looks on a white background.

Color Contrast Check

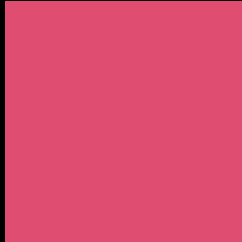
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.0099, 22.1656, 17.7097 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 36.0099, 22.1656, 17.7097

Background



This preview shows how black text looks on a background with the XYZ color 36.0099, 22.1656, 17.7097.



This preview shows how white text looks on a background with the XYZ color 36.0099, 22.1656,

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

36.0099, 22.1656, 17.7097

Protanopia

21.7898, 22.3398, 27.9745

Deuteranopia

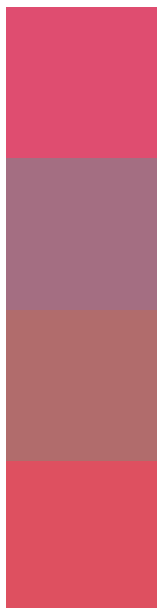
22.6459, 22.2665, 16.4689



Tritanopia

34.5564, 22.0949, 11.4602

Trichromacy



Original Color

36.0099, 22.1656, 17.7097

Protanomaly

24.9150, 20.6561, 23.7929

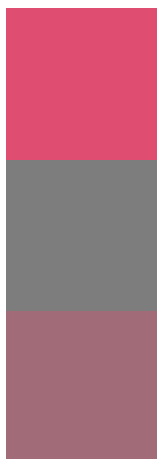
Deuteranomaly

26.2008, 21.1549, 16.8897

Tritanomaly

35.1042, 22.1114, 13.4841

Monochromacy



Original Color

36.0099, 22.1656, 17.7097

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

23.4507, 19.6583, 20.3277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0099, 22.1656, 17.7097 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, 77, 112)` looks like.

```
.text, #text, p{  
    color:rgb(223, 77, 112)  
}
```

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, 77, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 77, 112) }
```

Border

The CSS property to change the border of an element to XYZ 36.0099, 22.1656, 17.7097 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, 77, 112) }
```


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

```
.border{ border-color:rgb(223, 77, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 77, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 77, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 77, 112);  
box-shadow:4px 4px 4px 4px rgb(223, 77,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0099, 22.1656, 17.7097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 77, 112) }
```

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

```
.background{ background-color: rgb(223, 77,  
112) }
```

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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