

Converting Colors

XYZ(35.3143, 22.6333, 22.4640)

Have a look what the booklet for
XYZ(35.3143, 22.6333, 22.4640)
contains.

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Color

**XYZ(35.3982, 22.6282,
22.5807)**

Conversions

Conversions Part 1

Format	Color
Hex	D8557F
RGB	216, 85, 127
RGB Percent	85%, 33%, 50%
CMY	0.1529, 0.6666, 0.5020
CMYK	0.00, 0.61, 0.41, 0.15
HSL	341°, 63%, 59%
HSV	341°, 61%, 85%
XYZ	35.3982, 22.6282, 22.5807
YIQ	128.9570, 64.5940, 40.8340

Conversions

Conversions Part 2

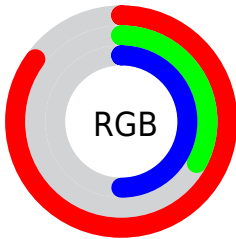
Format	Color
R _Y B	216, 85, 127
Decimal	14177663
CIE Lab	54.69, 55.05, 3.49
CIE LCh	55, 55.160, 3.629
Yxy	22.6282, 0.4391, 0.2807
Android (android.graphics.Color)	4292367743 (0xFFD8557F)
YUV	128.9570, -0.9648, 76.3367
Hunter-Lab	47.5691, 49.5835, 5.1539

Details

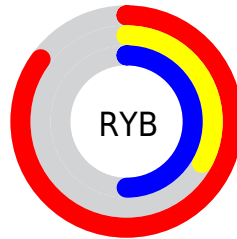
The XYZ color **35.3982, 22.6282, 22.5807** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **35.9435, 54.0997, 48.5956**, and the grayscale version is **20.8395, 21.9248, 23.8761**.

A 20% lighter version of the original color is **58.8563, 43.3115, 48.4379**, and **15.6064, 8.3714, 8.0010** is the 20% darker color. If you saturate the color by 10%, you get **33.0618, 19.3763, 17.4218**, and if you desaturate by 10%, it is **38.3940, 26.9759, 28.6472**.

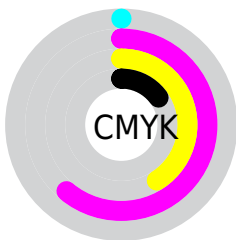
Distribution



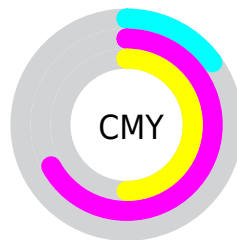
- Red (85%)
- Green (33%)
- Blue (50%)



- Red (85%)
- Yellow (33%)
- Blue (50%)



- Cyan (0%)
- Magenta (61%)
- Yellow (41%)
- Black (15%)





- Cyan (15%)
- Magenta (67%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3982, 22.6282, 22.5807 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 35.3982, 22.6282, 22.5807 by changing the saturation by 10% instead.


 35.3982, 22.6282,
22.5807


 35.3982, 22.6282,
22.5807


317.7998,
265.8096, 278.6158


 24.1377, 14.3192,
14.0818


 67.4322, 47.7821,
48.6183

 15.5611, 8.3430,
8.0382


 88.9363, 65.3958,
66.9942

 9.3030, 4.3152,
4.0313


 114.5858, 86.8799,
89.4995

 4.9980, 1.8514,
1.6425

 144.7459,
112.6187, 116.5527

 2.2808, 0.5189,
0.3209

179.7820,
142.9967, 148.5724

 0.7848, 0.0000,
0.0000

220.0594,

 0.0000, 0.0000,

178.3983, 185.9771

0.0000

265.9436,
219.2077, 229.1854

■ 35.3982, 22.6282,
22.5807

■ 35.3982, 22.6282,
22.5807

■ 33.0618, 19.3763,
17.4218

■ 38.3940, 26.9759,
28.6472

■ 31.3282, 17.1165,
13.1214

■ 42.0957, 32.5036,
35.6640

■ 30.1331, 15.7307,
9.6265

■ 46.5478, 39.2915,
43.6724

■ 29.4007, 15.0317,
7.0220

■ 51.7902, 47.4114,
52.7105

■ 57.8601, 56.9299,
62.8147

■ 64.7921, 67.9091,
74.0191

■ 72.6190, 80.4073,
86.3565

■ 80.4696, 92.6752,
99.5575

■ 82.1289, 93.3389,
108.2953

Harmonies

Analogous

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



33.7623, 22.6282, 42.6851



35.3982, 22.6282, 22.5807



32.7733, 22.6282, 10.3670

Triad

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



35.3982, 22.6282, 22.5807



15.6652, 22.6282, 5.9619



16.7250, 22.6282, 68.4075

Complementary

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



35.3982, 22.6282, 22.5807



35.9435, 54.0997, 48.5956

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.



13.1738, 22.6282, 48.1975



35.3982, 22.6282, 22.5807



12.6476, 22.6282, 12.5659

Square

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



35.3982, 22.6282, 22.5807



20.7764, 22.6282, 4.0615



11.8292, 22.6282, 26.8172



22.2554, 22.6282, 75.3760

Rectangle

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



35.3982, 22.6282, 22.5807



29.2047, 22.6282, 6.3255



11.8292, 22.6282, 26.8172



15.2975, 22.6282, 62.5843

Sweetspot

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



35.3988, 22.6294, 22.5811



77.4944, 72.2818, 80.2566



32.7308, 20.2647, 67.1522



16.0620, 14.6519, 16.2926



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.



35.3988, 22.6294, 22.5811



47.2899, 27.0702, 23.3366



35.1999, 25.7369, 11.7083



12.5857, 12.4858, 13.7585



17.4460, 8.9147, 4.3869



1.0896, 0.5526, 0.4611

Inverse Universe

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



35.3988, 22.6294, 22.5811



47.2899, 27.0702, 23.3366



35.4708, 45.5479, 71.8879



12.5857, 12.4858, 13.7585



17.4460, 8.9147, 4.3869



1.0896, 0.5526, 0.4611

Previews

White Background



This preview shows how the XYZ color 35.3982, 22.6282, 22.5807 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 35.3982, 22.6282, 22.5807 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 35.3982, 22.6282, 22.5807

Background



This preview shows how black text looks on a background with the XYZ color 35.3982, 22.6282, 22.5807.



This preview shows how white text looks on a background with the XYZ color 35.3982, 22.6282,

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

35.3982, 22.6282, 22.5807

Protanopia

22.5678, 22.8104, 33.7852

Deuteranopia

23.2533, 22.8551, 21.2751



Tritanopia

33.6303, 22.6414, 13.9070

Trichromacy



Original Color

35.3982, 22.6282, 22.5807

Protanomaly

25.3494, 21.4192, 29.1838

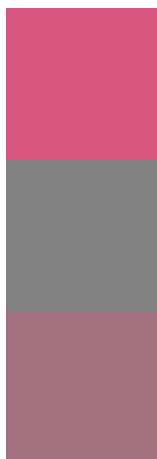
Deuteranomaly

26.6029, 21.9026, 21.5644

Tritanomaly

34.3035, 22.6745, 16.7560

Monochromacy



Original Color

35.3982, 22.6282, 22.5807

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

24.4994, 20.9458, 23.1738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3982, 22.6282, 22.5807 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(216, 85, 127)` looks like.

```
.text, #text, p{  
    color:rgb(216, 85, 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(216, 85, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 85, 127) }
```

Border

The CSS property to change the border of an element to XYZ 35.3982, 22.6282, 22.5807 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(216, 85, 127) }
```


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

```
.border{ border-color:rgb(216, 85, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 85, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 85, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 85, 127);  
box-shadow:4px 4px 4px 4px rgb(216, 85,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3982, 22.6282, 22.5807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 85, 127) }
```

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

```
.background{ background-color: rgb(216, 85,  
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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