

Converting Colors

XYZ(35.6278, 22.9689, 21.9438)

Have a look what the booklet for
XYZ(35.6278, 22.9689, 21.9438)
contains.

XYZ(35.7251, 23.0488, 21.9680)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.7251, 23.0488,
21.9680)**

Conversions

Conversions Part 1

Format	Color
Hex	D9577D
RGB	217, 87, 125
RGB Percent	85%, 34%, 49%
CMY	0.1490, 0.6588, 0.5098
CMYK	0.00, 0.60, 0.42, 0.15
HSL	342°, 63%, 60%
HSV	342°, 60%, 85%
XYZ	35.7251, 23.0488, 21.9680
YIQ	130.2020, 65.2820, 39.3780

Conversions

Conversions Part 2

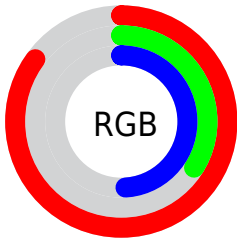
Format	Color
R_{YB}	217, 87, 125
Decimal	14243709
CIE _{Lab}	55.12, 54.28, 5.32
CIE _{LCh}	55, 54.538, 5.601
Yxy	23.0488, 0.4425, 0.2855
Android (android.graphics.Color)	4292433789 (0xFFD9577D)
YUV	130.2020, -2.5646, 76.1218
Hunter-Lab	48.0092, 48.8113, 6.4765

Details

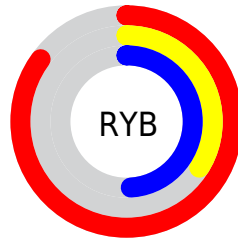
The XYZ color **35.7251, 23.0488, 21.9680** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **36.8814, 54.9071, 51.3058**, and the grayscale version is **21.2832, 22.3916, 24.3844**.

A 20% lighter version of the original color is **58.8488, 43.7803, 46.9437**, and **15.7970, 8.5748, 7.6600** is the 20% darker color. If you saturate the color by 10%, you get **33.3183, 19.6857, 16.6938**, and if you desaturate by 10%, it is **38.8128, 27.5308, 28.2180**.

Distribution



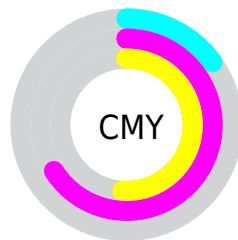
- Red (85%)
- Green (34%)
- Blue (49%)



- Red (85%)
- Yellow (34%)
- Blue (49%)



- Cyan (0%)
- Magenta (60%)
- Yellow (42%)
- Black (15%)





- Cyan (15%)
- Magenta (66%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7251, 23.0488, 21.9680 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 35.7251, 23.0488, 21.9680 by changing the saturation by 10% instead.


 35.7251, 23.0488,
21.9680

 35.7251, 23.0488,
21.9680

319.2096,
267.9755, 275.3272

 24.3911, 14.6295,
13.6353


 67.9342, 48.4734,
47.5946


 15.7503, 8.5598,
7.7316


 89.5400, 66.2476,
65.7256

 9.4373, 4.4552,
3.8384


 115.3004, 87.9089,
87.9598

 5.0869, 1.9313,
1.5371

 145.5809,
113.8417, 114.7157

 2.3336, 0.5671,
0.2453

180.7466,
144.4303, 146.4118

 0.8118, 0.0000,
0.0000

221.1631,

 0.0000, 0.0000,

180.0593, 183.4667

0.0000

267.1957,
221.1129, 226.2990

■ 35.7251, 23.0488,
21.9680

■ 35.7251, 23.0488,
21.9680

■ 33.3183, 19.6857,
16.6938

■ 38.8128, 27.5308,
28.2180

■ 31.5345, 17.3372,
12.3413

■ 42.6289, 33.2164,
35.4912

■ 30.3090, 15.8854,
8.8520

■ 47.2186, 40.1863,
43.8330

■ 29.5306, 15.1215,
6.1488

■ 52.6230, 48.5131,
53.2857

■ 29.5242, 15.1153,
6.1262

■ 58.8800, 58.2641,
63.8892

■ 66.0251, 69.5020,
75.6812

■ 74.0920, 82.2856,
88.6980

■ 81.2971, 93.0404,
102.3688

■ 82.4252, 93.4917,
108.3092

Harmonies

Analogous

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



34.3731, 23.0488, 41.6255



35.7251, 23.0488, 21.9680



32.8553, 23.0488, 10.2148

Triad

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



35.7251, 23.0488, 21.9680



15.7815, 23.0488, 6.5288



17.4236, 23.0488, 69.6092

Complementary

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



35.7251, 23.0488, 21.9680



36.8814, 54.9071, 51.3058

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.



13.7094, 23.0488, 50.0712



35.7251, 23.0488, 21.9680



12.8914, 23.0488, 13.6496

Square

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



35.7251, 23.0488, 21.9680



20.7858, 23.0488, 4.3455



12.2097, 23.0488, 28.5082



23.0682, 23.0488, 75.3482

Rectangle

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



35.7251, 23.0488, 21.9680



29.1987, 23.0488, 6.3661



12.2097, 23.0488, 28.5082



15.9434, 23.0488, 64.1047

Sweetspot

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



35.7257, 23.0500, 21.9684



77.3190, 72.2116, 79.3329



34.2938, 21.2927, 67.9478



16.0197, 14.6349, 16.0699



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.



35.7257, 23.0500, 21.9684



47.2243, 27.2997, 22.2028



36.2416, 27.2516, 12.3685



13.2118, 13.1138, 14.3766



17.9127, 9.1661, 3.9202



1.1976, 0.6087, 0.4493

Inverse Universe

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



35.7257, 23.0500, 21.9684



47.2243, 27.2997, 22.2028



35.0866, 44.2985, 72.3466



13.2118, 13.1138, 14.3766



17.9127, 9.1661, 3.9202



1.1976, 0.6087, 0.4493

Previews

White Background



This preview shows how the XYZ color 35.7251, 23.0488, 21.9680 looks on a white background.

Color Contrast Check

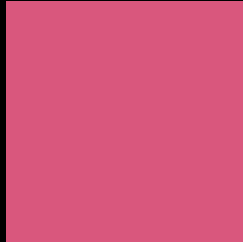
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.7251, 23.0488, 21.9680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

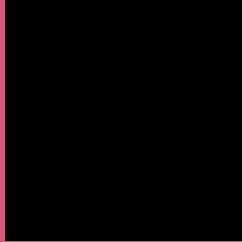
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.7251, 23.0488, 21.9680

Background



This preview shows how black text looks on a background with the XYZ color 35.7251, 23.0488, 21.9680.



This preview shows how white text looks on a background with the XYZ color 35.7251, 23.0488,

21.9680.

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

35.7251, 23.0488, 21.9680

Protanopia

22.7555, 23.1341, 32.5441

Deuteranopia

23.6266, 23.2543, 20.6960



Tritanopia

34.0561, 22.9832, 14.1965

Trichromacy



Original Color

35.7251, 23.0488, 21.9680

Protanomaly

25.7112, 21.7915, 28.4422

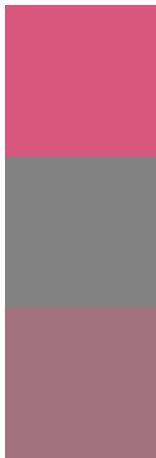
Deuteranomaly

26.8119, 22.1894, 20.9590

Tritanomaly

34.6818, 22.9940, 16.7977

Monochromacy



Original Color

35.7251, 23.0488, 21.9680

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

24.8139, 21.2745, 23.2206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7251, 23.0488, 21.9680 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(217, 87, 125)` looks like.

```
.text, #text, p{  
    color:rgb(217, 87, 125)  
}
```

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(217, 87, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 87, 125) }
```

Border

The CSS property to change the border of an element to XYZ 35.7251, 23.0488, 21.9680 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(217, 87, 125) }
```


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

```
.border{ border-color:rgb(217, 87, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 87, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 87, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 87, 125);  
box-shadow:4px 4px 4px 4px rgb(217, 87,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7251, 23.0488, 21.9680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 87, 125) }
```

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

```
.background{ background-color: rgb(217, 87,  
125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor