

Converting Colors

XYZ(35.0866, 23.1228, 23.3010)

Have a look what the booklet for
XYZ(35.0866, 23.1228, 23.3010)
contains.

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Color

**XYZ(35.1441, 23.2133,
23.3972)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D55B81 |
| RGB | 213, 91, 129 |
| RGB Percent | 84%, 36%, 51% |
| CMY | 0.1647, 0.6431, 0.4941 |
| CMYK | 0.00, 0.57, 0.39, 0.16 |
| HSL | 341°, 59%, 60% |
| HSV | 341°, 57%, 84% |
| XYZ | 35.1441, 23.2133, 23.3972 |
| YIQ | 131.8100, 60.5140, 37.6820 |

Conversions

Conversions Part 2

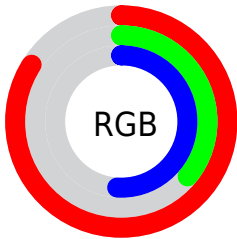
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 213, 91, 129 |
| Decimal | 13982593 |
| CIE _{Lab} | 55.29, 51.58, 3.12 |
| CIE _{LCh} | 55, 51.678, 3.465 |
| Yxy | 23.2133, 0.4299, 0.2839 |
| Android (android.graphics.Color) | 4292172673 (0xFFD55B81) |
| YUV | 131.8100, -1.3853, 71.2036 |
| Hunter-Lab | 48.1802, 45.8880, 4.9338 |

Details

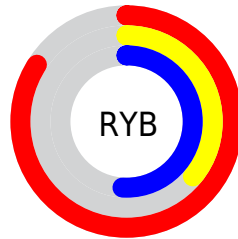
The XYZ color **35.1441, 23.2133, 23.3972** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **35.8478, 52.9083, 48.8837**, and the grayscale version is **21.8542, 22.9923, 25.0386**.

A 20% lighter version of the original color is **59.9624, 45.1952, 49.8191**, and **15.3464, 8.5933, 8.4392** is the 20% darker color. If you saturate the color by 10%, you get **32.6688, 19.7124, 18.1026**, and if you desaturate by 10%, it is **38.2773, 27.8058, 29.6019**.

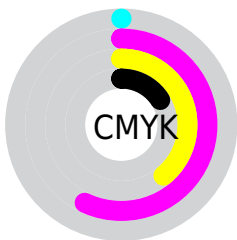
Distribution



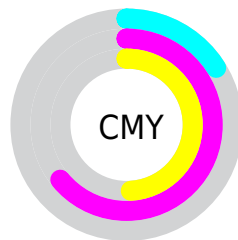
- Red (84%)
- Green (36%)
- Blue (51%)



- Red (84%)
- Yellow (36%)
- Blue (51%)



- Cyan (0%)
- Magenta (57%)
- Yellow (39%)
- Black (16%)





- Cyan (16%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1441, 23.2133, 23.3972 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 35.1441, 23.2133, 23.3972 by changing the saturation by 10% instead.


 35.1441, 23.2133,
23.3972


 35.1441, 23.2133,
23.3972


316.7008,
268.8187, 282.9463


 23.9409, 14.7511,
14.6790


 67.0415, 48.7433,
49.9761

 15.4143, 8.6449,
8.4503


 88.4664, 66.5799,
68.6740

 9.1989, 4.5103,
4.2925


 114.0293, 88.3101,
91.5355

 4.9293, 1.9629,
1.7872

 144.0956,
114.3183, 118.9791

 2.2402, 0.5858,
0.4195

179.0305,
144.9888, 151.4235

 0.7638, 0.0000,
0.0000

219.1994,

 0.0000, 0.0000,

180.7061, 189.2871

0.0000

264.9677,
221.8546, 232.9886

■ 35.1441, 23.2133,
23.3972

■ 35.1441, 23.2133,
23.3972

■ 32.6688, 19.7124,
18.1026

■ 38.2773, 27.8058,
29.6019

■ 30.7984, 17.2072,
13.6706

■ 42.1117, 33.5680,
36.7581

■ 29.4747, 15.5908,
10.0505

■ 46.6892, 40.5750,
44.9059

■ 28.6197, 14.7186,
7.1826

■ 52.0476, 48.8945,
54.0827

■ 28.4339, 14.5434,
6.5150

■ 58.2222, 58.5894,
64.3238

■ 65.2460, 69.7183,
75.6628

■ 73.1501, 82.3366,
88.1317

■ 79.8860, 92.3403,
101.0685

■ 81.2505, 92.8861,
108.2542

Harmonies

Analogous

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



33.5959, 23.2133, 42.3599



35.1441, 23.2133, 23.3972



32.7133, 23.2133, 11.4567

Triad

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



35.1441, 23.2133, 23.3972



16.4770, 23.2133, 6.9178



17.4549, 23.2133, 65.8698

Complementary

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



35.1441, 23.2133, 23.3972



35.8478, 52.9083, 48.8837

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.



14.0193, 23.2133, 47.2449



35.1441, 23.2133, 23.3972



13.5280, 23.2133, 13.5408

Square

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



35.1441, 23.2133, 23.3972



21.3976, 23.2133, 4.9402



12.7133, 23.2133, 27.2514



22.7431, 23.2133, 72.3187

Rectangle

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



35.1441, 23.2133, 23.3972



29.3758, 23.2133, 7.3391



12.7133, 23.2133, 27.2514



16.0781, 23.2133, 60.5176

Sweetspot

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



35.1447, 23.2145, 23.3976



78.3073, 73.6166, 81.4244



33.2898, 21.3286, 65.3130



16.3897, 15.1778, 16.8010



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.



35.1447, 23.2145, 23.3976



48.3321, 28.5762, 25.4670



35.2760, 26.7951, 13.2119



12.5810, 12.4839, 13.7336



17.4094, 8.9001, 4.1938



1.0869, 0.5516, 0.4471

Inverse Universe

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



35.1447, 23.2145, 23.3976



48.3321, 28.5762, 25.4670



34.8765, 44.1310, 69.6307



12.5810, 12.4839, 13.7336



17.4094, 8.9001, 4.1938



1.0869, 0.5516, 0.4471

Previews

White Background



This preview shows how the XYZ color 35.1441, 23.2133, 23.3972 looks on a white background.

Color Contrast Check

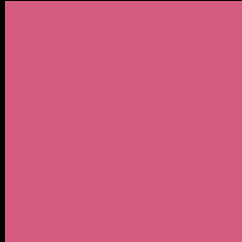
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1441, 23.2133, 23.3972 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 35.1441, 23.2133, 23.3972

Background



This preview shows how black text looks on a background with the XYZ color 35.1441, 23.2133, 23.3972.



This preview shows how white text looks on a background with the XYZ color 35.1441, 23.2133,

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

35.1441, 23.2133, 23.3972

Protanopia

23.0543, 23.4696, 33.4520

Deuteranopia

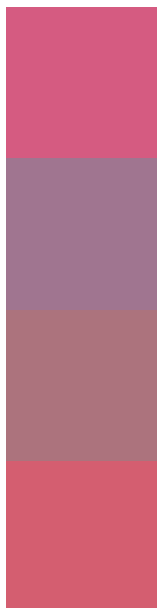
23.6887, 23.2580, 21.9796



Tritanopia

33.4950, 23.1939, 15.5435

Trichromacy



Original Color

35.1441, 23.2133, 23.3972

Protanomaly

25.8925, 22.2098, 29.3078

Deuteranomaly

26.8457, 22.5128, 22.3325

Tritanomaly

34.0787, 23.1723, 18.0058

Monochromacy



Original Color

35.1441, 23.2133, 23.3972

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

25.1560, 21.9383, 24.3814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1441, 23.2133, 23.3972 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, 91, 129)` looks like.

```
.text, #text, p{  
    color:rgb(213, 91, 129)  
}
```

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, 91, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 91, 129) }
```

Border

The CSS property to change the border of an element to XYZ 35.1441, 23.2133, 23.3972 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, 91, 129) }
```


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

```
.border{ border-color:rgb(213, 91, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 91, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 91, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 91, 129);  
box-shadow:4px 4px 4px 4px rgb(213, 91,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1441, 23.2133, 23.3972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 91, 129) }
```

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

```
.background{ background-color: rgb(213, 91,  
129) }
```

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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