

Converting Colors

XYZ(35.7605, 23.0095, 18.0853)

Have a look what the booklet for
XYZ(35.7605, 23.0095, 18.0853)
contains.

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Color

**XYZ(35.8236, 23.0635,
18.1864)**

Conversions

Conversions Part 1

Format	Color
Hex	DC5671
RGB	220, 86, 113
RGB Percent	86%, 34%, 44%
CMY	0.1373, 0.6627, 0.5569
CMYK	0.00, 0.61, 0.49, 0.14
HSL	348°, 66%, 60%
HSV	348°, 61%, 86%
XYZ	35.8236, 23.0635, 18.1864
YIQ	129.1440, 71.1970, 36.8050

Conversions

Conversions Part 2

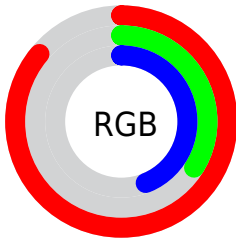
Format	Color
R_{YB}	220, 86, 113
Decimal	14440049
CIE _{Lab}	55.14, 54.54, 12.51
CIE _{LCh}	55, 55.959, 12.915
Yxy	23.0635, 0.4648, 0.2992
Android (android.graphics.Color)	4292630129 (0xFFDC5671)
YUV	129.1440, -7.9590, 79.6807
Hunter-Lab	48.0245, 49.1083, 11.1646

Details

The XYZ color **35.8236, 23.0635, 18.1864** 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 **39.0580, 57.0156, 59.4028**, and the grayscale version is **20.9272, 22.0171, 23.9766**.

A 20% lighter version of the original color is **57.5564, 43.0264, 40.8687**, and **15.7990, 8.5505, 5.8187** is the 20% darker color. If you saturate the color by 10%, you get **33.4342, 19.7174, 12.9735**, and if you desaturate by 10%, it is **38.9461, 27.5695, 24.5886**.

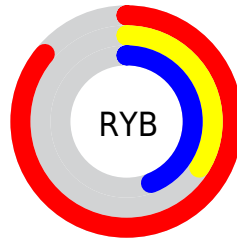
Distribution



Red (86%)

Green (34%)

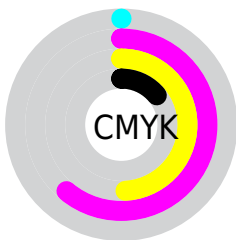
Blue (44%)



Red (86%)

Yellow (34%)

Blue (44%)

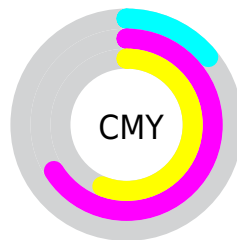


Cyan (0%)

Magenta (61%)

Yellow (49%)

Black (14%)



Cyan (14%)


Magenta (66%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8236, 23.0635, 18.1864 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 35.8236, 23.0635, 18.1864 by changing the saturation by 10% instead.


 35.8236, 23.0635,
18.1864


 35.8236, 23.0635,
18.1864

319.6336,
268.0510, 254.1909


 24.4675, 14.6404,
10.9131


 68.0854, 48.4976,
41.1729


 15.8074, 8.5674,
5.8950


 89.7217, 66.2773,
57.7232

 9.4779, 4.4601,
2.7136


 115.5155, 87.9448,
78.2028

 5.1138, 1.9341,
0.9502

 145.8321,
113.8843, 103.0304

 2.3496, 0.5688,
0.0000

181.0368,
144.4803, 132.6245

 0.8199, 0.0000,
0.0000

221.4951,

 0.0000, 0.0000,

180.1171, 167.4036

0.0000

267.5722,
221.1792, 207.7862

■ 35.8236, 23.0635,
18.1864

■ 35.8236, 23.0635,
18.1864

■ 33.4342, 19.7174,
12.9735

■ 38.9461, 27.5695,
24.5886

■ 31.7136, 17.4202,
8.8732

■ 42.8549, 33.3255,
32.2476

■ 30.5888, 16.0456,
5.8011

■ 47.6005, 40.4171,
41.2271

■ 29.9757, 15.3998,
3.8070

■ 53.2284, 48.9211,
51.5862

■ 59.7808, 58.9087,
63.3802

■ 67.2971, 70.4460,
76.6613

■ 75.8145, 83.5953,
91.4793

■ 83.0917, 93.8622,
107.1225

■ 83.3251, 93.9556,
108.3513

Harmonies

Analogous

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



35.5110, 23.0635, 36.6242



35.8236, 23.0635, 18.1864



31.9379, 23.0635, 8.2257

Triad

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



35.8236, 23.0635, 18.1864



14.7224, 23.0635, 7.4138



18.5809, 23.0635, 74.3795

Complementary

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



35.8236, 23.0635, 18.1864



39.0580, 57.0156, 59.4028

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.



14.2540, 23.0635, 56.5410



35.8236, 23.0635, 18.1864



12.3339, 23.0635, 16.3073

Square

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



35.8236, 23.0635, 18.1864



19.3465, 23.0635, 4.2999



12.1805, 23.0635, 33.6050



24.7146, 23.0635, 75.7222

Rectangle

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



35.8236, 23.0635, 18.1864



27.8523, 23.0635, 5.2574



12.1805, 23.0635, 33.6050



16.8982, 23.0635, 69.8296

Sweetspot

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



35.8242, 23.0648, 18.1868



76.7653, 71.9901, 76.4172



37.7245, 22.8964, 70.1410



15.8866, 14.5817, 15.3690



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.



35.8242, 23.0648, 18.1868



45.9787, 26.5457, 16.4317



38.3993, 30.2960, 12.6297



13.1628, 13.0942, 14.1184



17.6245, 9.0508, 2.4028



1.1729, 0.5988, 0.3193

Inverse Universe

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



35.8242, 23.0648, 18.1868



45.9787, 26.5457, 16.4317



33.4919, 40.6165, 73.7844



13.1628, 13.0942, 14.1184



17.6245, 9.0508, 2.4028



1.1729, 0.5988, 0.3193

Previews

White Background



This preview shows how the XYZ color 35.8236, 23.0635, 18.1864 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 35.8236, 23.0635, 18.1864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

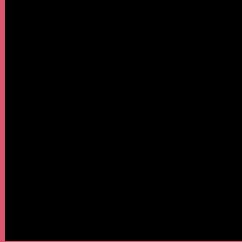
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.8236, 23.0635, 18.1864

Background



This preview shows how black text looks on a background with the XYZ color 35.8236, 23.0635, 18.1864.



This preview shows how white text looks on a background with the XYZ color 35.8236, 23.0635,

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

35.8236, 23.0635, 18.1864

Protanopia

22.4395, 23.2952, 26.9806

Deuteranopia

23.5696, 23.1103, 17.1284



Tritanopia

34.8514, 23.0310, 13.4350

Trichromacy



Original Color

35.8236, 23.0635, 18.1864

Protanomaly

25.5441, 21.8193, 23.2873

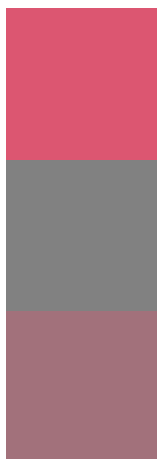
Deuteranomaly

26.9146, 22.1574, 17.3263

Tritanomaly

35.1014, 22.9988, 15.1595

Monochromacy



Original Color

35.8236, 23.0635, 18.1864

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

24.3806, 20.9217, 21.4922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8236, 23.0635, 18.1864 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(220, 86, 113)` looks like.

```
.text, #text, p{  
    color:rgb(220, 86, 113)  
}
```

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(220, 86, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 86, 113) }
```

Border

The CSS property to change the border of an element to XYZ 35.8236, 23.0635, 18.1864 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(220, 86, 113) }
```


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

```
.border{ border-color:rgb(220, 86, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 86, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 86, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 86, 113);  
box-shadow:4px 4px 4px 4px rgb(220, 86,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8236, 23.0635, 18.1864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 86, 113) }
```

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

```
.background{ background-color: rgb(220, 86,  
113) }
```

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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