

Converting Colors

XYZ(36.4301, 23.2994, 18.1025)

Have a look what the booklet for
XYZ(36.4301, 23.2994, 18.1025)
contains.

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Color

**XYZ(36.3533, 23.2188,
18.1884)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DE5571 |
| RGB | 222, 85, 113 |
| RGB Percent | 87%, 33%, 44% |
| CMY | 0.1294, 0.6666, 0.5569 |
| CMYK | 0.00, 0.62, 0.49, 0.13 |
| HSL | 348°, 67%, 60% |
| HSV | 348°, 62%, 87% |
| XYZ | 36.3533, 23.2188, 18.1884 |
| YIQ | 129.1550, 72.6640, 37.7520 |

Conversions

Conversions Part 2

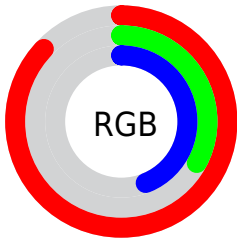
| Format | Color |
|-------------------------------------|--|
| RYB | 222, 85, 113 |
| Decimal | 14570865 |
| CIELab | 55.30, 55.63, 12.78 |
| CIELCh | 55, 57.077, 12.937 |
| Yxy | 23.2188, 0.4675, 0.2986 |
| Android (android.graphics.Color) | 4292760945 (0xFFDE5571) |
| YUV | 129.1550, -7.9644, 81.4251 |
| Hunter-Lab | 48.1859, 50.3420, 11.3503 |

Details

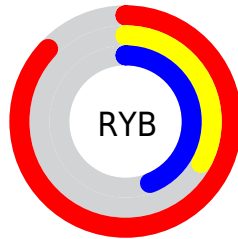
The XYZ color **36.3533, 23.2188, 18.1884** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **39.6066, 58.0694, 60.1642**, and the grayscale version is **20.9307, 22.0207, 23.9806**.

A 20% lighter version of the original color is **57.4096, 42.7328, 40.8197**, and **16.1608, 8.6758, 5.8239** is the 20% darker color. If you saturate the color by 10%, you get **33.9719, 19.8957, 12.9567**, and if you desaturate by 10%, it is **39.4775, 27.7180, 24.6230**.

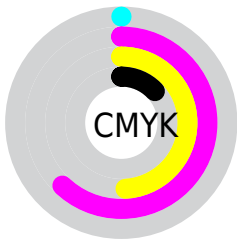
Distribution



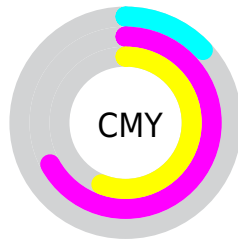
- Red (87%)
- Green (33%)
- Blue (44%)



- Red (87%)
- Yellow (33%)
- Blue (44%)



- Cyan (0%)
- Magenta (62%)
- Yellow (49%)
- Black (13%)





- Cyan (13%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3533, 23.2188, 18.1884 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 36.3533, 23.2188, 18.1884 by changing the saturation by 10% instead.


 36.3533, 23.2188,
18.1884

 36.3533, 23.2188,
18.1884


321.9065,
268.8468, 254.2025


 24.8786, 14.7552,
10.9145


 68.8973, 48.7523,
41.1764


 16.1148, 8.6477,
5.8959


 90.6973, 66.5910,
57.7275

 9.6968, 4.5121,
2.7141


 116.6698, 88.3235,
78.2081

 5.2591, 1.9640,
0.9505

 147.1801,
114.3342, 103.0368

 2.4364, 0.5864,
0.0000

182.5935,
145.0075, 132.6320

 0.8633, 0.0000,
0.0000

223.2755,

 0.0000, 0.0000,

180.7277, 167.4123

0.0000

269.5914,
221.8794, 207.7963

■ 36.3533, 23.2188,
18.1884

■ 36.3533, 23.2188,
18.1884

■ 33.9719, 19.8957,
12.9567

■ 39.4775, 27.7180,
24.6230

■ 32.2670, 17.6338,
8.8494

■ 43.3995, 33.4863,
32.3293

■ 31.1629, 16.3018,
5.7804

■ 48.1710, 40.6118,
41.3723

■ 30.6048, 15.7218,
3.9410

■ 53.8387, 49.1737,
51.8120

■ 60.4460, 59.2450,
63.7048

■ 68.0333, 70.8938,
77.1040

■ 76.6388, 84.1838,
92.0599

■ 83.8232, 94.2252,
107.7957

■ 83.9341, 94.2695,
108.3798

Harmonies

Analogous

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



36.0346, 23.2188, 37.0863



36.3533, 23.2188, 18.1884



32.3506, 23.2188, 8.0800

Triad

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



36.3533, 23.2188, 18.1884



14.7076, 23.2188, 7.2705



18.6538, 23.2188, 76.1020

Complementary

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



36.3533, 23.2188, 18.1884



39.6066, 58.0694, 60.1642

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.



14.2351, 23.2188, 57.6577



36.3533, 23.2188, 18.1884



12.2773, 23.2188, 16.2920

Square

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



36.3533, 23.2188, 18.1884



19.4288, 23.2188, 4.1483



12.1229, 23.2188, 34.0134



24.9377, 23.2188, 77.4784

Rectangle

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



36.3533, 23.2188, 18.1884



28.1494, 23.2188, 5.1009



12.1229, 23.2188, 34.0134



16.9337, 23.2188, 71.3954

Sweetspot

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



36.3539, 23.2201, 18.1888



75.8969, 70.6491, 74.9077



38.2528, 23.0202, 71.5342



15.7183, 14.3215, 15.0772



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.



36.3539, 23.2201, 18.1888



45.7483, 26.2086, 15.9741



38.9495, 30.5563, 12.4411



13.8212, 13.7461, 14.8286



18.2109, 9.3514, 2.5105



1.2945, 0.6611, 0.3437

Inverse Universe

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



36.3539, 23.2201, 18.1888



45.7483, 26.2086, 15.9741



33.9036, 41.1491, 75.2627



13.8212, 13.7461, 14.8286



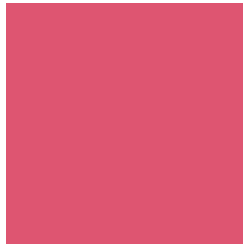
18.2109, 9.3514, 2.5105



1.2945, 0.6611, 0.3437

Previews

White Background



This preview shows how the XYZ color 36.3533, 23.2188, 18.1884 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 36.3533, 23.2188, 18.1884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

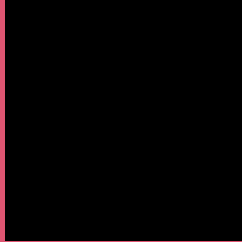
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.3533, 23.2188, 18.1884

Background



This preview shows how black text looks on a background with the XYZ color 36.3533, 23.2188, 18.1884.



This preview shows how white text looks on a background with the XYZ color 36.3533, 23.2188,

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

36.3533, 23.2188, 18.1884

Protanopia

22.6702, 23.4058, 27.3677

Deuteranopia

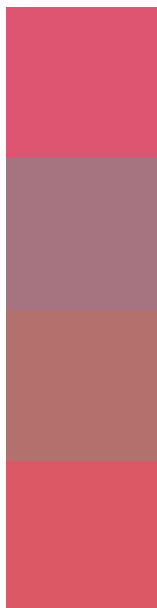
23.8906, 23.4684, 17.1806



Tritanopia

35.4116, 23.3251, 13.2255

Trichromacy



Original Color

36.3533, 23.2188, 18.1884

Protanomaly

25.8191, 21.9534, 23.6455

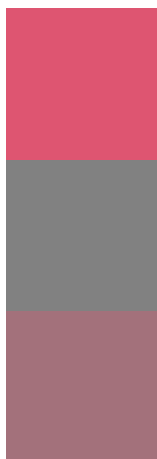
Deuteranomaly

27.1449, 22.2762, 17.3370

Tritanomaly

35.6575, 23.2912, 14.9282

Monochromacy



Original Color

36.3533, 23.2188, 18.1884

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

24.5845, 21.0268, 21.5017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3533, 23.2188, 18.1884 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(222, 85, 113)` looks like.

```
.text, #text, p{  
    color:rgb(222, 85, 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(222, 85, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 85, 113) }
```

Border

The CSS property to change the border of an element to XYZ 36.3533, 23.2188, 18.1884 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(222, 85, 113) }
```


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

```
.border{ border-color:rgb(222, 85, 113) }
```

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

Here you see how a box with a 4 pixel rgb(222, 85, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 85, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 85, 113);  
box-shadow:4px 4px 4px 4px rgb(222, 85,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3533, 23.2188, 18.1884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 85, 113) }
```

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

```
.background{ background-color: rgb(222, 85,  
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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