

Converting Colors

XYZ(36.0060, 23.3734, 22.0502)

Have a look what the booklet for
XYZ(36.0060, 23.3734, 22.0502)
contains.

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Color

**XYZ(36.1048, 23.3655,
22.0091)**

Conversions

Conversions Part 1

Format	Color
Hex	DA587D
RGB	218, 88, 125
RGB Percent	85%, 35%, 49%
CMY	0.1451, 0.6549, 0.5098
CMYK	0.00, 0.60, 0.43, 0.15
HSL	343°, 64%, 60%
HSV	343°, 60%, 85%
XYZ	36.1048, 23.3655, 22.0091
YIQ	131.0880, 65.6030, 39.0670

Conversions

Conversions Part 2

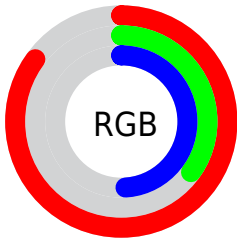
Format	Color
R_{YB}	218, 88, 125
Decimal	14309501
CIE _{Lab}	55.45, 54.15, 5.81
CIE _{LCh}	55, 54.464, 6.122
Yxy	23.3655, 0.4431, 0.2868
Android (android.graphics.Color)	4292499581 (0xFFDA587D)
YUV	131.0880, -3.0014, 76.2218
Hunter-Lab	48.3379, 48.7350, 6.8407

Details

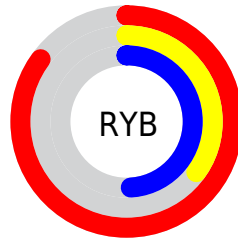
The XYZ color **36.1048, 23.3655, 22.0091** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **37.4377, 55.5542, 52.4695**, and the grayscale version is **21.5997, 22.7245, 24.7470**.

A 20% lighter version of the original color is **58.9983, 44.0792, 46.9936**, and **16.0419, 8.7715, 7.6850** is the 20% darker color. If you saturate the color by 10%, you get **33.6559, 19.9390, 16.6572**, and if you desaturate by 10%, it is **39.2463, 27.9268, 28.3642**.

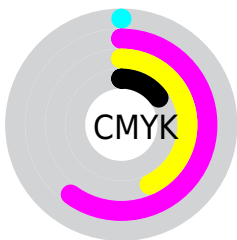
Distribution



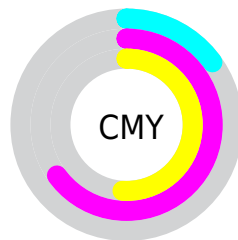
- Red (85%)
- Green (35%)
- Blue (49%)



- Red (85%)
- Yellow (35%)
- Blue (49%)



- Cyan (0%)
- Magenta (60%)
- Yellow (43%)
- Black (15%)





- Cyan (15%)
- Magenta (65%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1048, 23.3655, 22.0091 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 36.1048, 23.3655, 22.0091 by changing the saturation by 10% instead.


 36.1048, 23.3655,
22.0091


 36.1048, 23.3655,
22.0091


320.8416,
269.5968, 275.5488


 24.6856, 14.8636,
13.6652


 68.5166, 48.9928,
47.6634


 15.9705, 8.7237,
7.7521


 90.2399, 66.8870,
65.8109

 9.5940, 4.5614,
3.8512


 116.1287, 88.6807,
88.0634

 5.1908, 1.9923,
1.5441

 146.5483,
114.7584, 114.8393

 2.3955, 0.6030,
0.2505

181.8640,
145.5045, 146.5573

 0.8429, 0.0000,
0.0000

222.4412,

 0.0000, 0.0000,

181.3033, 183.6359

0.0000

268.6453,
222.5393, 226.4935

■ 36.1048, 23.3655,
22.0091

■ 36.1048, 23.3655,
22.0091

■ 33.6559, 19.9390,
16.6572

■ 39.2463, 27.9268,
28.3642

■ 31.8411, 17.5420,
12.2524

■ 43.1286, 33.7085,
35.7715

■ 30.5948, 16.0558,
8.7342

■ 47.7975, 40.7919,
44.2780

■ 29.8086, 15.2775,
6.0243

■ 53.2947, 49.2505,
53.9276

■ 29.7839, 15.2536,
5.9374

■ 59.6586, 59.1521,
64.7614

■ 66.9253, 70.5602,
76.8187

■ 75.1288, 83.5342,
90.1368

■ 81.8926, 93.3131,
103.9484

■ 82.7234, 93.6454,
108.3231

Harmonies

Analogous

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



34.8190, 23.3655, 41.6912



36.1048, 23.3655, 22.0091



33.1504, 23.3655, 10.2824

Triad

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



36.1048, 23.3655, 22.0091



15.9611, 23.3655, 6.7590



17.7720, 23.3655, 70.4548

Complementary

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



36.1048, 23.3655, 22.0091



37.4377, 55.5542, 52.4695

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.



13.9854, 23.3655, 50.9699



36.1048, 23.3655, 22.0091



13.0823, 23.3655, 14.0803

Square

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



36.1048, 23.3655, 22.0091



20.9751, 23.3655, 4.4771



12.4319, 23.3655, 29.2124



23.4887, 23.3655, 75.9057

Rectangle

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



36.1048, 23.3655, 22.0091



29.4450, 23.3655, 6.4505



12.4319, 23.3655, 29.2124



16.2664, 23.3655, 64.9999

Sweetspot

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



36.1054, 23.3667, 22.0095



77.2716, 72.1926, 79.0832



34.7361, 21.6266, 68.6731



16.0083, 14.6304, 16.0097



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.



36.1054, 23.3667, 22.0095



47.1347, 27.2639, 21.7307



36.6931, 27.6461, 12.6364



13.2076, 13.1121, 14.3546



17.8839, 9.1546, 3.7686



1.1953, 0.6077, 0.4372

Inverse Universe

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



36.1054, 23.3667, 22.0095



47.1347, 27.2639, 21.7307



35.5300, 44.8369, 73.1113



13.2076, 13.1121, 14.3546



17.8839, 9.1546, 3.7686



1.1953, 0.6077, 0.4372

Previews

White Background



This preview shows how the XYZ color 36.1048, 23.3655, 22.0091 looks on a white background.

Color Contrast Check

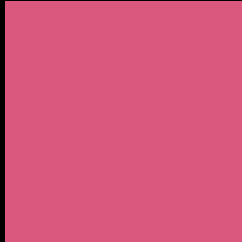
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.1048, 23.3655, 22.0091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

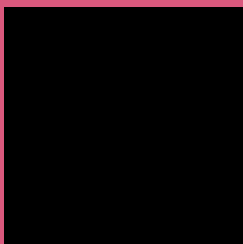
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.1048, 23.3655, 22.0091

Background



This preview shows how black text looks on a background with the XYZ color 36.1048, 23.3655, 22.0091.



This preview shows how white text looks on a background with the XYZ color 36.1048, 23.3655,

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

36.1048, 23.3655, 22.0091

Protanopia

23.1164, 23.5298, 32.1775

Deuteranopia

23.8114, 23.3496, 20.7047



Tritanopia

34.4854, 23.3285, 14.4896

Trichromacy



Original Color

36.1048, 23.3655, 22.0091

Protanomaly

26.1574, 22.2004, 28.1058

Deuteranomaly

27.0355, 22.3047, 20.9695

Tritanomaly

35.0631, 23.3166, 16.8399

Monochromacy



Original Color

36.1048, 23.3655, 22.0091

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

25.1974, 21.6330, 23.6164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1048, 23.3655, 22.0091 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(218, 88, 125)` looks like.

```
.text, #text, p{  
    color:rgb(218, 88, 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(218, 88, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 88, 125) }
```

Border

The CSS property to change the border of an element to XYZ 36.1048, 23.3655, 22.0091 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(218, 88, 125) }
```


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

```
.border{ border-color:rgb(218, 88, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 88, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 88, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 88, 125);  
box-shadow:4px 4px 4px 4px rgb(218, 88,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1048, 23.3655, 22.0091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 88, 125) }
```

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

```
.background{ background-color: rgb(218, 88,  
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](#).

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