

Converting Colors

XYZ(38.4915, 25.9722, 23.0681)

Have a look what the booklet for
XYZ(38.4915, 25.9722, 23.0681)
contains.

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Color

**XYZ(38.4168, 25.9856,
23.0696)**

Conversions

Conversions Part 1

Format	Color
Hex	DE637F
RGB	222, 99, 127
RGB Percent	87%, 39%, 50%
CMY	0.1294, 0.6117, 0.5020
CMYK	0.00, 0.55, 0.43, 0.13
HSL	346°, 65%, 63%
HSV	346°, 55%, 87%
XYZ	38.4168, 25.9856, 23.0696
YIQ	138.9690, 64.3200, 34.7840

Conversions

Conversions Part 2

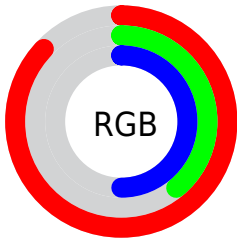
Format	Color
R_{YB}	222, 99, 127
Decimal	14574463
CIE _{Lab}	58.02, 50.62, 8.40
CIE _{LCh}	58, 51.309, 9.417
Yxy	25.9856, 0.4392, 0.2971
Android (android.graphics.Color)	4292764543 (0xFFDE637F)
YUV	138.9690, -5.9007, 72.8182
Hunter-Lab	50.9761, 45.3138, 8.8511

Details

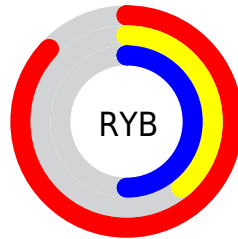
The XYZ color **38.4168, 25.9856, 23.0696** is a dark color, and the websafe version is hex **FF6699**. A complement of this color would be **41.0060, 58.7908, 60.2293**, and the grayscale version is **24.5343, 25.8120, 28.1092**.

A 20% lighter version of the original color is **61.0338, 47.6665, 49.1637**, and **17.3801, 10.1380, 8.2485** is the 20% darker color. If you saturate the color by 10%, you get **35.5711, 21.9330, 17.0687**, and if you desaturate by 10%, it is **42.0321, 31.2729, 30.2658**.

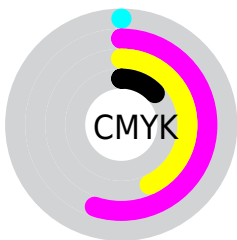
Distribution



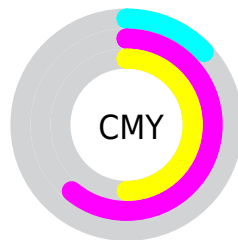
- Red (87%)
- Green (39%)
- Blue (50%)



- Red (87%)
- Yellow (39%)
- Blue (50%)



- Cyan (0%)
- Magenta (55%)
- Yellow (43%)
- Black (13%)



- Cyan (13%)
- Magenta (61%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4168, 25.9856, 23.0696 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 38.4168, 25.9856, 23.0696 by changing the saturation by 10% instead.


 38.4168, 25.9856,
23.0696


 38.4168, 25.9856,
23.0696


330.6546,
282.7114, 281.2158


 26.4850, 16.8129,
14.4391


 72.0463, 53.2517,
49.4322


 17.3214, 10.1012,
8.2845


 94.4748, 72.1139,
68.0015

 10.5606, 5.4661,
4.1871


 121.1328, 94.9747,
90.7207

 5.8373, 2.5232,
1.7286

 152.3858,
122.2184, 118.0085

 2.7861, 0.8882,
0.3802

188.5992,
154.2296, 150.2833

 1.0417, 0.0000,
0.0000

230.1382,

 0.0000, 0.0000,

191.3925, 187.9638

0.0000

277.3682,
234.0917, 231.4684

■ 38.4168, 25.9856,
23.0696

■ 38.4168, 25.9856,
23.0696

■ 35.5711, 21.9330,
17.0687

■ 42.0321, 31.2729,
30.2658

■ 33.4345, 19.0099,
12.1949

■ 46.4669, 37.8806,
38.7174

■ 31.9409, 17.1004,
8.3746

■ 51.7695, 45.8916,
48.4821

■ 31.0092, 16.0608,
5.5238

■ 57.9834, 55.3806,
59.6134

■ 30.7113, 15.7644,
4.5018

■ 65.1494, 66.4171,
72.1618

■ 73.3058, 79.0662,
86.1752

■ 82.4886, 93.3893,
101.6993

■ 83.9341, 94.2696,
108.3798

Harmonies

Analogous

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



37.6169, 25.9856, 42.0664



38.4168, 25.9856, 23.0696



35.0947, 25.9856, 11.6865

Triad

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



38.4168, 25.9856, 23.0696



17.8790, 25.9856, 9.2712



20.7419, 25.9856, 73.7723

Complementary

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



38.4168, 25.9856, 23.0696



41.0060, 58.7908, 60.2293

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.



16.5896, 25.9856, 55.9637



38.4168, 25.9856, 23.0696



15.1388, 25.9856, 17.9127

Square

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



38.4168, 25.9856, 23.0696



22.7998, 25.9856, 6.2157



14.7099, 25.9856, 34.2528



26.6999, 25.9856, 77.0758

Rectangle

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



38.4168, 25.9856, 23.0696



31.2704, 25.9856, 7.9108



14.7099, 25.9856, 34.2528



19.1187, 25.9856, 69.0126

Sweetspot

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



38.4175, 25.9870, 23.0701



77.8162, 73.4202, 78.8382



39.7166, 25.5761, 71.9505



16.2748, 15.1318, 16.1956



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.



38.4175, 25.9870, 23.0701



48.3260, 29.5087, 22.5525



40.6015, 32.8803, 16.0128



13.8344, 13.7514, 14.8980



18.2770, 9.3778, 2.8584



1.3008, 0.6636, 0.3770

Inverse Universe

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



38.4175, 25.9870, 23.0701



48.3260, 29.5087, 22.5525



36.5722, 44.4091, 75.7513



13.8344, 13.7514, 14.8980



18.2770, 9.3778, 2.8584



1.3008, 0.6636, 0.3770

Previews

White Background



This preview shows how the XYZ color 38.4168, 25.9856, 23.0696 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 38.4168, 25.9856, 23.0696 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 38.4168, 25.9856, 23.0696

Background



This preview shows how black text looks on a background with the XYZ color 38.4168, 25.9856, 23.0696.



This preview shows how white text looks on a background with the XYZ color 38.4168, 25.9856,

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

38.4168, 25.9856, 23.0696

Protanopia

25.4727, 26.2106, 32.1504

Deuteranopia

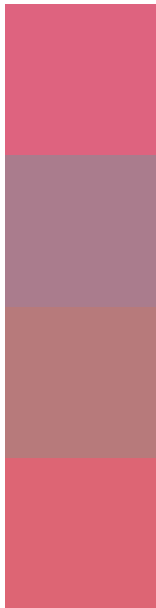
26.6124, 26.1820, 21.7402



Tritanopia

37.3305, 25.9790, 17.5149

Trichromacy



Original Color

38.4168, 25.9856, 23.0696

Protanomaly

28.5929, 24.8844, 28.4955

Deuteranomaly

30.0631, 25.4164, 22.0602

Tritanomaly

37.6249, 25.9405, 19.5470

Monochromacy



Original Color

38.4168, 25.9856, 23.0696

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

27.9430, 24.5996, 26.1971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4168, 25.9856, 23.0696 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, 99, 127)` looks like.

```
.text, #text, p{  
    color:rgb(222, 99, 127)  
}
```

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, 99, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 99, 127) }
```

Border

The CSS property to change the border of an element to XYZ 38.4168, 25.9856, 23.0696 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, 99, 127) }
```


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

```
.border{ border-color:rgb(222, 99, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 99, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 99, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 99, 127);  
box-shadow:4px 4px 4px 4px rgb(222, 99,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4168, 25.9856, 23.0696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 99, 127) }
```

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

```
.background{ background-color: rgb(222, 99,  
127) }
```

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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