

Converting Colors

XYZ(38.0187, 23.2680, 25.8163)

Have a look what the booklet for
XYZ(38.0187, 23.2680, 25.8163)
contains.

XYZ(37.9804, 23.2168, 25.7721)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.9804, 23.2168,
25.7721)**

Conversions

Conversions Part 1

Format	Color
Hex	E04F88
RGB	224, 79, 136
RGB Percent	88%, 31%, 53%
CMY	0.1216, 0.6902, 0.4667
CMYK	0.00, 0.65, 0.39, 0.12
HSL	336°, 70%, 59%
HSV	336°, 65%, 88%
XYZ	37.9804, 23.2168, 25.7721
YIQ	128.8530, 68.1230, 48.4670

Conversions

Conversions Part 2

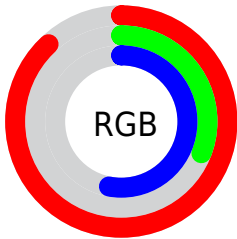
Format	Color
R_{YB}	224, 79, 136
Decimal	14700424
CIE _{Lab}	55.29, 60.97, -0.79
CIE _{LCh}	55, 60.978, 359.254
Yxy	23.2168, 0.4367, 0.2670
Android (android.graphics.Color)	4292890504 (0xFFE04F88)
YUV	128.8530, 3.5235, 83.4439
Hunter-Lab	48.1838, 56.3791, 2.0162

Details

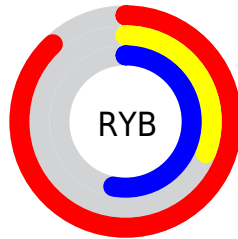
The XYZ color **37.9804, 23.2168, 25.7721** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **36.8566, 57.7643, 45.7700**, and the grayscale version is **20.7873, 21.8698, 23.8162**.

A 20% lighter version of the original color is **59.2295, 42.5424, 53.2339**, and **17.0221, 8.6295, 9.5726** is the 20% darker color. If you saturate the color by 10%, you get **35.7224, 20.1502, 20.5510**, and if you desaturate by 10%, it is **40.9064, 27.4231, 31.8210**.

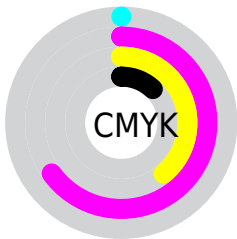
Distribution



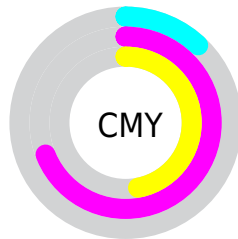
- Red (88%)
- Green (31%)
- Blue (53%)



- Red (88%)
- Yellow (31%)
- Blue (53%)



- Cyan (0%)
- Magenta (65%)
- Yellow (39%)
- Black (12%)





- Cyan (12%)
- Magenta (69%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9804, 23.2168, 25.7721 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 37.9804, 23.2168, 25.7721 by changing the saturation by 10% instead.


 37.9804, 23.2168,
25.7721


 37.9804, 23.2168,
25.7721

328.8182,
268.8366, 295.2313


 26.1446, 14.7537,
16.4290


 71.3822, 48.7491,
53.8866


 17.0651, 8.6467,
9.6706


 93.6789, 66.5870,
73.4951


 10.3765, 4.5115,
5.0784


 120.1933, 88.3187,
97.3625

 5.7135, 1.9636,
2.2338

 151.2908,
114.3284, 125.9073

 2.7106, 0.5862,
0.6938

 187.3366,
145.0007, 159.5480

 1.0027, 0.0000,
0.0000

228.6963,

 0.0000, 0.0000,

180.7199, 198.7032

0.0000

275.7350,
221.8704, 243.7915

■ 37.9804, 23.2168,
25.7721

■ 37.9804, 23.2168,
25.7721

■ 35.7224, 20.1502,
20.5510

■ 40.9064, 27.4231,
31.8210

■ 34.0686, 18.1033,
16.1132

■ 44.5521, 32.8658,
38.7357

■ 32.9450, 16.9358,
12.4104

■ 48.9660, 39.6351,
46.5529

■ 32.5039, 16.5527,
10.7249

■ 54.1917, 47.8121,
55.3064

■ 60.2693, 57.4710,
65.0284

67.2364, 68.6810,
75.7492

75.1281, 81.5068,
87.4976

82.9456, 93.9453,
99.9573

84.5505, 94.5873,
108.4086

Harmonies

Analogous

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



35.3914, 23.2168, 49.8022



37.9804, 23.2168, 25.7721



35.6262, 23.2168, 10.9912

Triad

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



37.9804, 23.2168, 25.7721



16.2498, 23.2168, 4.6128



16.0095, 23.2168, 73.3563

Complementary

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



37.9804, 23.2168, 25.7721



36.8566, 57.7643, 45.7700

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.



12.4757, 23.2168, 48.4808



37.9804, 23.2168, 25.7721



12.5930, 23.2168, 10.5115

Square

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



37.9804, 23.2168, 25.7721



22.2383, 23.2168, 3.2357



11.3656, 23.2168, 24.7925



21.8963, 23.2168, 84.6416

Rectangle

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



37.9804, 23.2168, 25.7721



31.7993, 23.2168, 6.1471



11.3656, 23.2168, 24.7925



14.5554, 23.2168, 65.8350

Sweetspot

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



37.9810, 23.2180, 25.7725



77.1158, 71.1366, 81.3264



31.9777, 19.0823, 72.5189



16.0094, 14.4380, 16.6099



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.



37.9810, 23.2180, 25.7725



46.9818, 25.8272, 25.1665



36.1111, 24.3300, 10.1916



13.9292, 13.7893, 15.3975



18.9724, 9.6560, 6.5203



1.3582, 0.6865, 0.6790

Inverse Universe

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



37.9810, 23.2180, 25.7725



46.9818, 25.8272, 25.1665



39.6032, 52.8915, 78.6428



13.9292, 13.7893, 15.3975



18.9724, 9.6560, 6.5203



1.3582, 0.6865, 0.6790

Previews

White Background



This preview shows how the XYZ color 37.9804, 23.2168, 25.7721 looks on a white background.

Color Contrast Check

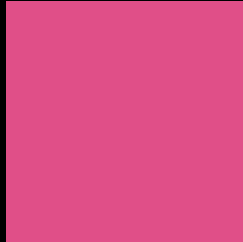
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.9804, 23.2168, 25.7721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

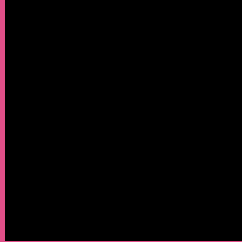
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.9804, 23.2168, 25.7721

Background



This preview shows how black text looks on a background with the XYZ color 37.9804, 23.2168, 25.7721.



This preview shows how white text looks on a background with the XYZ color 37.9804, 23.2168,

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

37.9804, 23.2168, 25.7721

Protanopia

23.7249, 23.6522, 40.8510

Deuteranopia

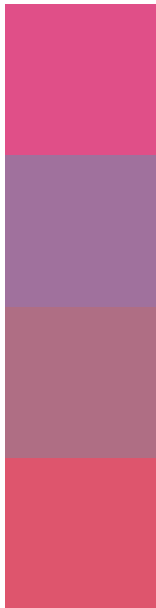
23.7142, 23.2264, 24.0021



Tritanopia

35.3289, 23.1598, 13.1979

Trichromacy



Original Color

37.9804, 23.2168, 25.7721

Protanomaly

26.4881, 21.7182, 34.6942

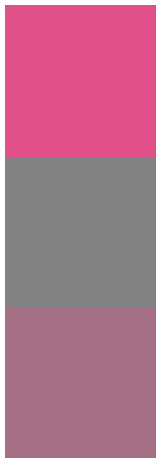
Deuteranomaly

27.4200, 21.9318, 24.6179

Tritanomaly

36.1330, 23.1307, 17.0283

Monochromacy



Original Color

37.9804, 23.2168, 25.7721

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

25.1591, 20.9273, 24.5431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9804, 23.2168, 25.7721 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(224, 79, 136)` looks like.

```
.text, #text, p{  
    color:rgb(224, 79, 136)  
}
```

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(224, 79, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 79, 136) }
```

Border

The CSS property to change the border of an element to XYZ 37.9804, 23.2168, 25.7721 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(224, 79, 136) }
```


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

```
.border{ border-color:rgb(224, 79, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 79, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 79, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 79, 136);  
box-shadow:4px 4px 4px 4px rgb(224, 79,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9804, 23.2168, 25.7721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 79, 136) }
```

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

```
.background{ background-color: rgb(224, 79,  
136) }
```

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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