

Converting Colors

XYZ(37.1496, 23.8184, 25.9448)

Have a look what the booklet for
XYZ(37.1496, 23.8184, 25.9448)
contains.

XYZ(37.1471, 23.8171, 25.9318)	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(37.1471, 23.8171,
25.9318)**

Conversions

Conversions Part 1

Format	Color
Hex	DB5888
RGB	219, 88, 136
RGB Percent	86%, 35%, 53%
CMY	0.1412, 0.6549, 0.4667
CMYK	0.00, 0.60, 0.38, 0.14
HSL	338°, 65%, 60%
HSV	338°, 60%, 86%
XYZ	37.1471, 23.8171, 25.9318
YIQ	132.6410, 62.6680, 42.7000

Conversions

Conversions Part 2

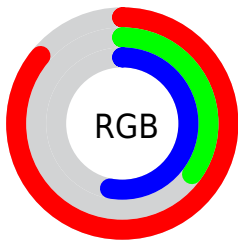
Format	Color
R_{YB}	219, 88, 136
Decimal	14375048
CIE _{Lab}	55.90, 55.63, 0.00
CIE _{LCh}	56, 55.634, 0.002
Yxy	23.8171, 0.4275, 0.2741
Android (android.graphics.Color)	4292565128 (0xFFDB5888)
YUV	132.6410, 1.6560, 75.7368
Hunter-Lab	48.8028, 50.4636, 2.6576

Details

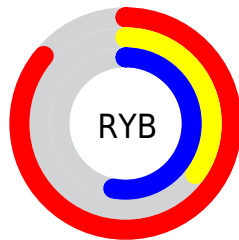
The XYZ color **37.1471, 23.8171, 25.9318** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **36.7081, 55.6787, 47.3440**, and the grayscale version is **22.1431, 23.2963, 25.3697**.

A 20% lighter version of the original color is **60.2478, 44.5790, 53.5733**, and **16.5922, 8.9760, 9.6621** is the 20% darker color. If you saturate the color by 10%, you get **34.6885, 20.3773, 20.5576**, and if you desaturate by 10%, it is **40.2745, 28.3900, 32.1593**.

Distribution



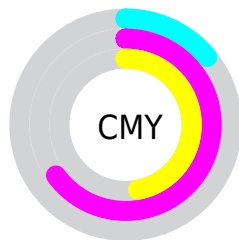
- Red (86%)
- Green (35%)
- Blue (53%)



- Red (86%)
- Yellow (35%)
- Blue (53%)



- Cyan (0%)
- Magenta (60%)
- Yellow (38%)
- Black (14%)





- Cyan (14%)
- Magenta (65%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1471, 23.8171, 25.9318 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 37.1471, 23.8171, 25.9318 by changing the saturation by 10% instead.

 37.1471, 23.8171,
25.9318


 37.1471, 23.8171,
25.9318


325.2914,
271.8945, 296.0419


 25.4956, 15.1980,
16.5473


 70.1113, 49.7316,
54.1476


 16.5774, 8.9585,
9.7537


 92.1548, 67.7957,
73.8161

 10.0271, 4.7141,
5.1325


 118.3929, 89.7770,
97.7496

 5.4793, 2.0805,
2.2651

 149.1911,
116.0599, 126.3667

 2.5688, 0.6536,
0.7116

184.9147,
147.0286, 160.0859

 0.9301, 0.0000,
0.0000

225.9290,

 0.0000, 0.0000,

183.0677, 199.3259

0.0000

272.5995,
224.5616, 244.5050

■ 37.1471, 23.8171,
25.9318

■ 37.1471, 23.8171,
25.9318

■ 34.6885, 20.3773,
20.5576

■ 40.2745, 28.3900,
32.1593

■ 32.8419, 17.9649,
15.9932

■ 44.1172, 34.1819,
39.2777

■ 31.5434, 16.4606,
12.1920

■ 48.7195, 41.2743,
47.3236

■ 30.6842, 15.6555,
9.0903

■ 54.1217, 49.7410,
56.3309

■ 30.6702, 15.6428,
9.0383

■ 60.3608, 59.6497,
66.3319

■ 67.4717, 71.0641,
77.3569

■ 75.4871, 84.0438,
89.4351

■ 81.7636, 93.2962,
101.7031

■ 83.0234, 93.8001,
108.3372

Harmonies

Analogous

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



34.9212, 23.8171, 47.5976



37.1471, 23.8171, 25.9318



34.9207, 23.8171, 12.0998

Triad

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



37.1471, 23.8171, 25.9318



17.0726, 23.8171, 5.9260



17.0731, 23.8171, 69.4417

Complementary

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



37.1471, 23.8171, 25.9318



36.7081, 55.6787, 47.3440

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.



13.6364, 23.8171, 47.6002



37.1471, 23.8171, 25.9318



13.6362, 23.8171, 12.1008

Square

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



37.1471, 23.8171, 25.9318



22.6371, 23.8171, 4.3438



12.5042, 23.8171, 25.9337



22.6378, 23.8171, 78.8564

Rectangle

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



37.1471, 23.8171, 25.9318



31.4119, 23.8171, 7.3283



12.5042, 23.8171, 25.9337



15.6711, 23.8171, 62.9261

Sweetspot

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



37.1478, 23.8184, 25.9322



77.7811, 72.3964, 81.7661



33.0645, 20.7497, 69.2803



16.1313, 14.6796, 16.6572



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.



37.1478, 23.8184, 25.9322



48.1547, 27.6719, 27.1020



36.0751, 25.9646, 12.3445



13.2523, 13.1300, 14.5896



18.2343, 9.2947, 5.6137



1.2220, 0.6184, 0.5778

Inverse Universe

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



37.1478, 23.8184, 25.9322



48.1547, 27.6719, 27.1020



37.8229, 49.2124, 74.5234



13.2523, 13.1300, 14.5896



18.2343, 9.2947, 5.6137



1.2220, 0.6184, 0.5778

Previews

White Background



This preview shows how the XYZ color 37.1471, 23.8171, 25.9318 looks on a white background.

Color Contrast Check

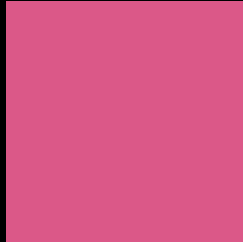
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.1471, 23.8171, 25.9318 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 37.1471, 23.8171, 25.9318

Background



This preview shows how black text looks on a background with the XYZ color 37.1471, 23.8171, 25.9318.



This preview shows how white text looks on a background with the XYZ color 37.1471, 23.8171,

25.9318.

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

37.1471, 23.8171, 25.9318

Protanopia

23.9905, 24.0446, 38.4986

Deuteranopia

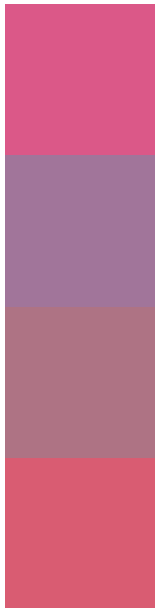
24.4063, 23.9665, 24.4587



Tritanopia

34.7601, 23.7229, 15.0588

Trichromacy



Original Color

37.1471, 23.8171, 25.9318

Protanomaly

26.8920, 22.6327, 33.5230

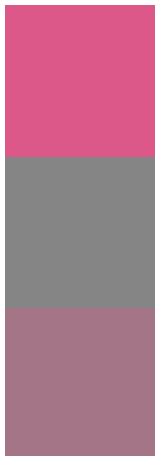
Deuteranomaly

27.7512, 22.9261, 24.7923

Tritanomaly

35.4797, 23.6209, 18.6089

Monochromacy



Original Color

37.1471, 23.8171, 25.9318

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

25.9742, 22.3363, 25.4966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1471, 23.8171, 25.9318 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(219, 88, 136)` looks like.

```
.text, #text, p{  
    color:rgb(219, 88, 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(219, 88, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 88, 136) }
```

Border

The CSS property to change the border of an element to XYZ 37.1471, 23.8171, 25.9318 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(219, 88, 136) }
```


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

```
.border{ border-color:rgb(219, 88, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 88, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 88, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 88, 136);  
box-shadow:4px 4px 4px 4px rgb(219, 88,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1471, 23.8171, 25.9318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 88, 136) }
```

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

```
.background{ background-color: rgb(219, 88,  
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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