

Converting Colors

XYZ(37.7900, 25.8291, 23.9067)

Have a look what the booklet for
XYZ(37.7900, 25.8291, 23.9067)
contains.

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Color

**XYZ(37.7330, 25.7594,
23.7522)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6481
RGB	219, 100, 129
RGB Percent	86%, 39%, 51%
CMY	0.1412, 0.6078, 0.4941
CMYK	0.00, 0.54, 0.41, 0.14
HSL	345°, 62%, 63%
HSV	345°, 54%, 86%
XYZ	37.7330, 25.7594, 23.7522
YIQ	138.8870, 61.6150, 34.2470

Conversions

Conversions Part 2

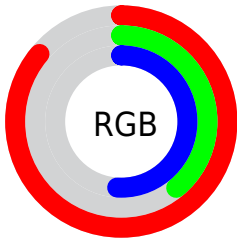
Format	Color
R _Y B	219, 100, 129
Decimal	14378113
CIE Lab	57.81, 49.34, 6.86
CIE LCh	58, 49.814, 7.915
Yxy	25.7594, 0.4325, 0.2953
Android (android.graphics.Color)	4292568193 (0xFFDB6481)
YUV	138.8870, -4.8743, 70.2591
Hunter-Lab	50.7537, 43.8873, 7.7805

Details

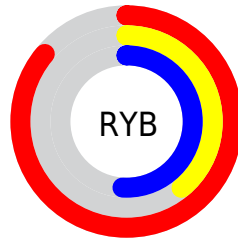
The XYZ color **37.7330, 25.7594, 23.7522** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **39.8827, 57.0906, 57.6363**, and the grayscale version is **24.4996, 25.7755, 28.0695**.

A 20% lighter version of the original color is **61.2391, 47.7486, 50.2447**, and **16.9222, 10.0068, 8.6290** is the 20% darker color. If you saturate the color by 10%, you get **34.8944, 21.7037, 17.8072**, and if you desaturate by 10%, it is **41.3160, 31.0181, 30.8264**.

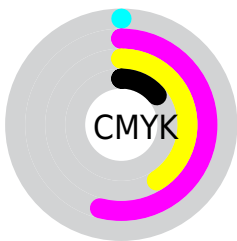
Distribution



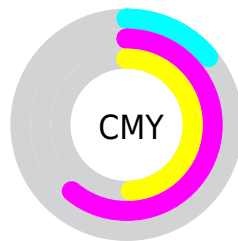
- Red (86%)
- Green (39%)
- Blue (51%)



- Red (86%)
- Yellow (39%)
- Blue (51%)



- Cyan (0%)
- Magenta (54%)
- Yellow (41%)
- Black (14%)





- Cyan (14%)
- Magenta (61%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7330, 25.7594, 23.7522 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 37.7330, 25.7594, 23.7522 by changing the saturation by 10% instead.


 37.7330, 25.7594,
23.7522


 37.7330, 25.7594,
23.7522

327.7739,
281.5990, 284.8114


 25.9518, 16.6437,
14.9394


 71.0053, 52.8865,
50.5643


 16.9201, 9.9808,
8.6307


 93.2270, 71.6668,
69.4006

 10.2725, 5.3862,
4.4076


 119.6597, 94.4374,
92.4153

 5.6436, 2.4756,
1.8515

 150.6686,
121.5827, 120.0267

 2.6682, 0.8644,
0.4616

186.6191,
153.4871, 152.6535

 0.9808, 0.0000,
0.0000

227.8766,

 0.0000, 0.0000,

190.5350, 190.7142

0.0000

274.8064,
233.1109, 234.6273

■ 37.7330, 25.7594,
23.7522

■ 37.7330, 25.7594,
23.7522

■ 34.8944, 21.7037,
17.8072

■ 41.3160, 31.0181,
30.8264

■ 32.7430, 18.7507,
12.9292

■ 45.6904, 37.5614,
39.0842

■ 31.2167, 16.7908,
9.0519

■ 50.9019, 45.4683,
48.5783

■ 30.2399, 15.6890,
6.0998

■ 56.9920, 54.8105,
59.3574

■ 29.8643, 15.3204,
4.7950

■ 63.9994, 65.6545,
71.4678

■ 71.9603, 78.0627,
84.9534

■ 80.9090, 92.0939,
99.8559

■ 83.0233, 93.8000,
108.3372

Harmonies

Analogous

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



36.7617, 25.7594, 42.3440



37.7330, 25.7594, 23.7522



34.7240, 25.7594, 12.2859

Triad

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



37.7330, 25.7594, 23.7522



18.0745, 25.7594, 9.2609



20.4089, 25.7594, 70.9783

Complementary

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



37.7330, 25.7594, 23.7522



39.8827, 57.0906, 57.6363

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.



16.4848, 25.7594, 53.5465



37.7330, 25.7594, 23.7522



15.2979, 25.7594, 17.3967

Square

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



37.7330, 25.7594, 23.7522



22.9338, 25.7594, 6.4378



14.7675, 25.7594, 32.8320



26.1016, 25.7594, 74.9558

Rectangle

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



37.7330, 25.7594, 23.7522



31.1149, 25.7594, 8.3731



14.7675, 25.7594, 32.8320



18.8684, 25.7594, 66.2335

Sweetspot

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



37.7337, 25.7607, 23.7527



78.8109, 74.8439, 80.9140



38.3927, 25.0812, 69.8353



16.4746, 15.4138, 16.6250



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.



37.7337, 25.7607, 23.7527



48.8381, 30.0484, 24.2172



39.4640, 31.8805, 16.1320



13.1855, 13.1033, 14.2380



17.7446, 9.0989, 3.0351



1.1837, 0.6031, 0.3762

Inverse Universe

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



37.7337, 25.7607, 23.7527



48.8381, 30.0484, 24.2172



36.2942, 44.3277, 73.6608



13.1855, 13.1033, 14.2380



17.7446, 9.0989, 3.0351



1.1837, 0.6031, 0.3762

Previews

White Background



This preview shows how the XYZ color 37.7330, 25.7594, 23.7522 looks on a white background.

Color Contrast Check

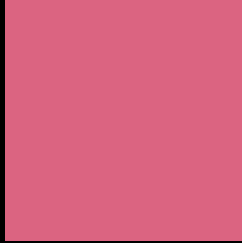
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.7330, 25.7594, 23.7522 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 37.7330, 25.7594, 23.7522

Background



This preview shows how black text looks on a background with the XYZ color 37.7330, 25.7594, 23.7522.



This preview shows how white text looks on a background with the XYZ color 37.7330, 25.7594,

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

37.7330, 25.7594, 23.7522

Protanopia

25.3219, 25.9003, 32.9428

Deuteranopia

26.4613, 25.8764, 22.6688



Tritanopia

36.6329, 25.7536, 18.0791

Trichromacy



Original Color

37.7330, 25.7594, 23.7522

Protanomaly

28.3140, 24.7233, 29.2664

Deuteranomaly

29.7815, 25.2492, 23.0426

Tritanomaly

36.9348, 25.7162, 20.1566

Monochromacy



Original Color

37.7330, 25.7594, 23.7522

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

27.8552, 24.7413, 26.2291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7330, 25.7594, 23.7522 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, 100, 129)` looks like.

```
.text, #text, p{  
    color:rgb(219, 100, 129)  
}
```

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, 100, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 100, 129) }
```

Border

The CSS property to change the border of an element to XYZ 37.7330, 25.7594, 23.7522 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, 100, 129) }
```


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

```
.border{ border-color:rgb(219, 100, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 100, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 100, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 100, 129);  
box-shadow:4px 4px 4px 4px rgb(219, 100,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7330, 25.7594, 23.7522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 100, 129) }
```

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

```
.background{ background-color: rgb(219,  
100, 129) }
```

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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