

Converting Colors

XYZ(37.7972, 25.4866, 21.9250)

Have a look what the booklet for
XYZ(37.7972, 25.4866, 21.9250)
contains.

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Color

**XYZ(37.8246, 25.5628,
22.0093)**

Conversions

Conversions Part 1

Format	Color
Hex	DD627C
RGB	221, 98, 124
RGB Percent	87%, 38%, 49%
CMY	0.1333, 0.6157, 0.5137
CMYK	0.00, 0.56, 0.44, 0.13
HSL	347°, 64%, 63%
HSV	347°, 56%, 87%
XYZ	37.8246, 25.5628, 22.0093
YIQ	137.7410, 64.9620, 34.1620

Conversions

Conversions Part 2

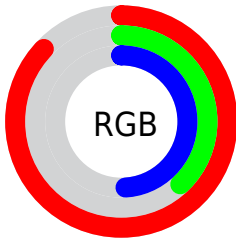
Format	Color
R_{YB}	221, 98, 124
Decimal	14508668
CIE _{Lab}	57.62, 50.45, 9.55
CIE _{LCh}	58, 51.345, 10.725
Yxy	25.5628, 0.4429, 0.2993
Android (android.graphics.Color)	4292698748 (0xFFDD627C)
YUV	137.7410, -6.7743, 73.0181
Hunter-Lab	50.5597, 45.0597, 9.5820

Details

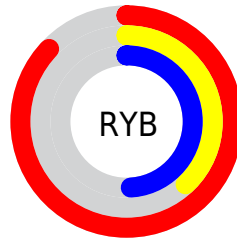
The XYZ color **37.8246, 25.5628, 22.0093** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.7453, 58.2504, 60.7297**, and the grayscale version is **24.0674, 25.3208, 27.5744**.

A 20% lighter version of the original color is **60.4677, 47.1771, 46.9934**, and **17.0342, 9.9171, 7.6730** is the 20% darker color. If you saturate the color by 10%, you get **35.0282, 21.5808, 16.1113**, and if you desaturate by 10%, it is **41.3879, 30.7669, 29.1246**.

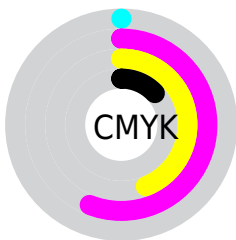
Distribution



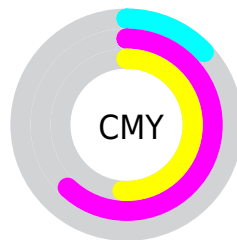
- Red (87%)
- Green (38%)
- Blue (49%)



- Red (87%)
- Yellow (38%)
- Blue (49%)



- Cyan (0%)
- Magenta (56%)
- Yellow (44%)
- Black (13%)





- Cyan (13%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.8246, 25.5628, 22.0093 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 37.8246, 25.5628, 22.0093 by changing the saturation by 10% instead.


 37.8246, 25.5628,
22.0093


 37.8246, 25.5628,
22.0093


328.1608,
280.6292, 275.5499


 26.0232, 16.4969,
13.6654


 71.1448, 52.5688,
47.6638


 16.9738, 9.8764,
7.7522


 93.3944, 71.2776,
65.8113

 10.3110, 5.3171,
3.8513


 119.8573, 93.9695,
88.0639

 5.6695, 2.4345,
1.5441

 150.8991,
121.0289, 114.8399

 2.6839, 0.8435,
0.2505

186.8849,
152.8402, 146.5580

 0.9889, 0.0000,
0.0000

228.1803,

 0.0000, 0.0000,

189.7878, 183.6367

0.0000

275.1505,
232.2560, 226.4945

■ 37.8246, 25.5628,
22.0093

■ 37.8246, 25.5628,
22.0093

■ 35.0282, 21.5808,
16.1113

■ 41.3879, 30.7669,
29.1246

■ 32.9381, 18.7162,
11.3590

■ 45.7685, 37.2782,
37.5201

■ 31.4878, 16.8536,
7.6753

■ 51.0144, 45.1793,
47.2560

■ 30.5956, 15.8497,
4.9717

■ 57.1696, 54.5442,
58.3881

■ 30.3259, 15.5750,
4.0663

■ 64.2749, 65.4423,
70.9690

■ 72.3687, 77.9380,
85.0487

■ 81.4873, 92.0923,
100.6746

■ 83.6288, 94.1121,
108.3655

Harmonies

Analogous

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



37.2165, 25.5628, 40.5390



37.8246, 25.5628, 22.0093



34.3757, 25.5628, 11.1008

Triad

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



37.8246, 25.5628, 22.0093



17.3857, 25.5628, 9.2809



20.6076, 25.5628, 73.4413

Complementary

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



37.8246, 25.5628, 22.0093



40.7453, 58.2504, 60.7297

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.



16.4097, 25.5628, 56.1981



37.8246, 25.5628, 22.0093



14.7776, 25.5628, 18.1060

Square

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



37.8246, 25.5628, 22.0093



22.1674, 25.5628, 6.0890



14.4533, 25.5628, 34.6041



26.5581, 25.5628, 75.9586

Rectangle

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



37.8246, 25.5628, 22.0093



30.5324, 25.5628, 7.5437



14.4533, 25.5628, 34.6041



18.9736, 25.5628, 68.9155

Sweetspot

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



37.8253, 25.5641, 22.0098



77.7221, 73.3826, 78.3429



39.7580, 25.4731, 71.2279



16.2528, 15.1230, 16.0799



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.



37.8253, 25.5641, 22.0098



47.8278, 28.9863, 20.9254



40.3914, 32.9896, 15.7959



13.1681, 13.0963, 14.1463



17.6506, 9.0613, 2.5400



1.1754, 0.5998, 0.3324

Inverse Universe

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



37.8253, 25.5641, 22.0098



47.8278, 28.9863, 20.9254



35.6799, 42.9994, 74.8257



13.1681, 13.0963, 14.1463



17.6506, 9.0613, 2.5400



1.1754, 0.5998, 0.3324

Previews

White Background



This preview shows how the XYZ color 37.8246, 25.5628, 22.0093 looks on a white background.

Color Contrast Check

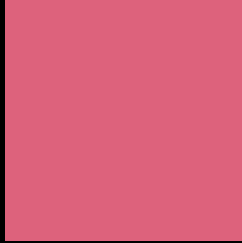
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.8246, 25.5628, 22.0093 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 37.8246, 25.5628, 22.0093

Background



This preview shows how black text looks on a background with the XYZ color 37.8246, 25.5628, 22.0093.



This preview shows how white text looks on a background with the XYZ color 37.8246, 25.5628,

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

37.8246, 25.5628, 22.0093

Protanopia

24.9242, 25.7412, 30.8490

Deuteranopia

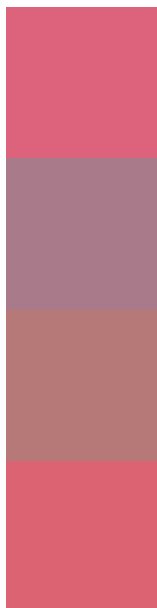
26.2923, 25.8318, 20.7398



Tritanopia

36.8757, 25.6057, 17.1862

Trichromacy



Original Color

37.8246, 25.5628, 22.0093

Protanomaly

28.0326, 24.4359, 27.2839

Deuteranomaly

29.5189, 24.9759, 21.0343

Tritanomaly

37.1096, 25.5449, 18.8944

Monochromacy



Original Color

37.8246, 25.5628, 22.0093

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

27.4650, 24.1842, 25.4108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8246, 25.5628, 22.0093 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(221, 98, 124)` looks like.

```
.text, #text, p{  
    color:rgb(221, 98, 124)  
}
```

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(221, 98, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 98, 124) }
```

Border

The CSS property to change the border of an element to XYZ 37.8246, 25.5628, 22.0093 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(221, 98, 124) }
```


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

```
.border{ border-color:rgb(221, 98, 124) }
```

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

Here you see how a box with a 4 pixel rgb(221, 98, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 98, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 98, 124);  
box-shadow:4px 4px 4px 4px rgb(221, 98,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8246, 25.5628, 22.0093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 98, 124) }
```

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

```
.background{ background-color: rgb(221, 98,  
124) }
```

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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