

Converting Colors

XYZ(37.2681, 25.2267, 17.9439)

Have a look what the booklet for
XYZ(37.2681, 25.2267, 17.9439)
contains.

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Color

**XYZ(37.2681, 25.2267,
17.9439)**

Conversions

Conversions Part 1

Format	Color
Hex	DE616F
RGB	222, 97, 111
RGB Percent	87%, 38%, 44%
CMY	0.1294, 0.6196, 0.5647
CMYK	0.00, 0.56, 0.50, 0.13
HSL	353°, 65%, 63%
HSV	353°, 56%, 87%
XYZ	37.2681, 25.2267, 17.9439
YIQ	135.9710, 70.0060, 30.8540

Conversions

Conversions Part 2

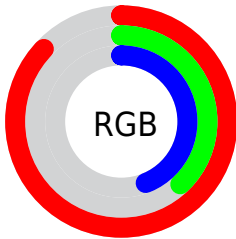
Format	Color
R_{YB}	222, 97, 111
Decimal	14573935
CIE Lab	57.30, 50.03, 16.72
CIE LCh	57, 52.753, 18.479
Yxy	25.2267, 0.4633, 0.3136
Android (android.graphics.Color)	4292764015 (0xFFDE616F)
YUV	135.9710, -12.3107, 75.4474
Hunter-Lab	50.2262, 44.5521, 13.9763

Details

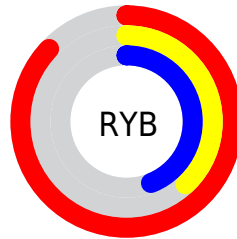
The XYZ color **37.2681, 25.2267, 17.9439** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **42.4377, 59.3385, 68.8955**, and the grayscale version is **23.4181, 24.6377, 26.8304**.

A 20% lighter version of the original color is **58.9175, 46.0376, 40.4312**, and **16.6537, 9.7075, 5.8465** is the 20% darker color. If you saturate the color by 10%, you get **34.5278, 21.2959, 12.2530**, and if you desaturate by 10%, it is **40.8231, 30.4037, 25.0886**.

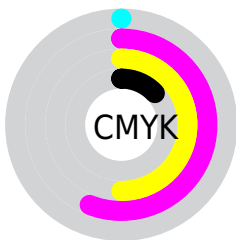
Distribution



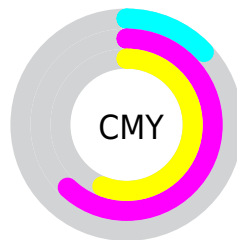
- Red (87%)
- Green (38%)
- Blue (44%)



- Red (87%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (56%)
- Yellow (50%)
- Black (13%)





- Cyan (13%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2681, 25.2267, 17.9439 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 37.2681, 25.2267, 17.9439 by changing the saturation by 10% instead.


 37.2681, 25.2267,
17.9439


 37.2681, 25.2267,
17.9439

325.8052,
278.9650, 252.7801


 25.5898, 16.2460,
10.7407


 70.2961, 52.0248,
40.7544

 16.6481, 9.6984,
5.7808


 92.3765, 70.6109,
57.1987

 10.0776, 5.1995,
2.6456


 118.6549, 93.1678,
77.5605

 5.5131, 2.3648,
0.9159

 149.4967,
120.0796, 102.2583

 2.5892, 0.8077,
0.0000

185.2673,
151.7308, 131.7106

 0.9404, 0.0000,
0.0000

226.3320,

 0.0000, 0.0000,

188.5059, 166.3360

0.0000

273.0562,
230.7892, 206.5530

■ 37.2681, 25.2267,
17.9439

■ 37.2681, 25.2267,
17.9439

■ 34.5278, 21.2959,
12.2530

■ 40.8231, 30.4037,
25.0886

■ 32.5351, 18.5024,
7.9144

■ 45.2489, 36.9156,
33.7766

■ 31.2153, 16.7255,
4.8150

■ 50.5988, 44.8480,
44.0917

■ 30.4758, 15.8128,
2.8226

■ 56.9213, 54.2779,
56.1112

■ 30.2979, 15.5991,
2.3255

■ 64.2616, 65.2769,
69.9076

■ 72.6618, 77.9120,
85.5490

■ 82.1619, 92.2463,
103.1001

■ 83.9340, 94.2695,
108.3798

Harmonies

Analogous

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



37.7766, 25.2267, 34.9268



37.2681, 25.2267, 17.9439



32.8530, 25.2267, 8.9240

Triad

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



37.2681, 25.2267, 17.9439



16.0620, 25.2267, 10.3930



21.6574, 25.2267, 76.8387

Complementary

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



37.2681, 25.2267, 17.9439



42.4377, 59.3385, 68.8955

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.



16.8640, 25.2267, 62.1097



37.2681, 25.2267, 17.9439



14.0289, 25.2267, 21.1541

Square

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



37.2681, 25.2267, 17.9439



20.3683, 25.2267, 6.0549



14.2944, 25.2267, 39.8763



27.9891, 25.2267, 74.7136

Rectangle

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



37.2681, 25.2267, 17.9439



28.6588, 25.2267, 6.2858



14.2944, 25.2267, 39.8763



19.8355, 25.2267, 73.5029

Sweetspot

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



37.2687, 25.2281, 17.9443



77.1559, 73.1561, 75.3612



43.3090, 27.1503, 72.0648



16.1208, 15.0702, 15.3847



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.



37.2687, 25.2281, 17.9443



46.5768, 28.1743, 15.2984



42.3954, 36.6195, 16.1449



13.7693, 13.7254, 14.5554



18.0168, 9.2737, 1.4882



1.2700, 0.6513, 0.2145

Inverse Universe

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



37.2687, 25.2281, 17.9443



46.5768, 28.1743, 15.2984



33.2680, 38.1211, 74.7116



13.7693, 13.7254, 14.5554



18.0168, 9.2737, 1.4882



1.2700, 0.6513, 0.2145

Previews

White Background



This preview shows how the XYZ color 37.2681, 25.2267, 17.9439 looks on a white background.

Color Contrast Check

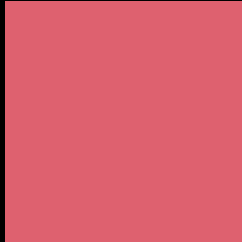
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.2681, 25.2267, 17.9439 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 37.2681, 25.2267, 17.9439

Background



This preview shows how black text looks on a background with the XYZ color 37.2681, 25.2267, 17.9439.



This preview shows how white text looks on a background with the XYZ color 37.2681, 25.2267,

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

37.2681, 25.2267, 17.9439

Protanopia

24.1977, 25.2808, 25.0771

Deuteranopia

25.7014, 25.2038, 16.8748



Tritanopia

37.0417, 25.2849, 16.2928

Trichromacy



Original Color

37.2681, 25.2267, 17.9439

Protanomaly

27.3922, 24.0322, 22.2637

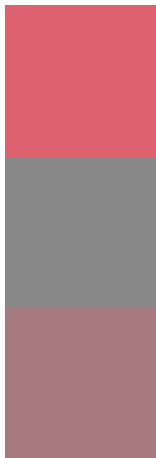
Deuteranomaly

29.0178, 24.4455, 17.0990

Tritanomaly

37.1457, 25.3265, 16.8406

Monochromacy



Original Color

37.2681, 25.2267, 17.9439

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

26.7266, 23.6669, 23.2382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2681, 25.2267, 17.9439 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, 97, 111)` looks like.

```
.text, #text, p{  
    color:rgb(222, 97, 111)  
}
```

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, 97, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 97, 111) }
```

Border

The CSS property to change the border of an element to XYZ 37.2681, 25.2267, 17.9439 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, 97, 111) }
```


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

```
.border{ border-color:rgb(222, 97, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 97, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 97, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 97, 111);  
box-shadow:4px 4px 4px 4px rgb(222, 97,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2681, 25.2267, 17.9439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 97, 111) }
```

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

```
.background{ background-color: rgb(222, 97,  
111) }
```

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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