

Converting Colors

XYZ(38.1184, 22.4872, 25.2629)

Have a look what the booklet for
XYZ(38.1184, 22.4872, 25.2629)
contains.

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Color

**XYZ(37.9904, 22.4245,
25.2477)**

Conversions

Conversions Part 1

Format	Color
Hex	E24787
RGB	226, 71, 135
RGB Percent	89%, 28%, 53%
CMY	0.1137, 0.7215, 0.4706
CMYK	0.00, 0.69, 0.40, 0.11
HSL	335°, 73%, 58%
HSV	335°, 69%, 89%
XYZ	37.9904, 22.4245, 25.2477
YIQ	124.6410, 71.8360, 52.7640

Conversions

Conversions Part 2

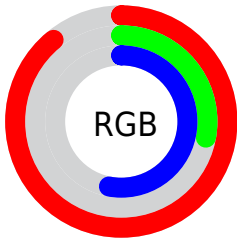
Format	Color
R_{YB}	226, 71, 135
Decimal	14829447
CIE _{Lab}	54.47, 64.54, -1.36
CIE _{LCh}	54, 64.556, 358.790
Yxy	22.4245, 0.4435, 0.2618
Android (android.graphics.Color)	4293019527 (0xFFE24787)
YUV	124.6410, 5.1070, 88.8918
Hunter-Lab	47.3545, 60.3321, 1.5369

Details

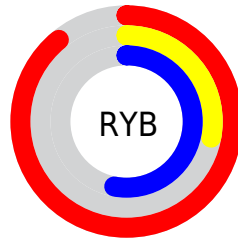
The XYZ color **37.9904, 22.4245, 25.2477** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **36.3179, 58.3415, 43.5336**, and the grayscale version is **19.3402, 20.3474, 22.1584**.

A 20% lighter version of the original color is **58.1674, 40.5914, 52.3461**, and **17.4056, 8.7789, 9.5812** is the 20% darker color. If you saturate the color by 10%, you get **35.9340, 19.7148, 20.2366**, and if you desaturate by 10%, it is **40.6987, 26.2516, 31.0510**.

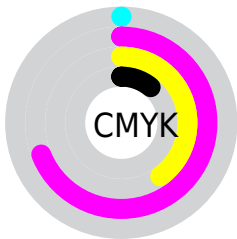
Distribution



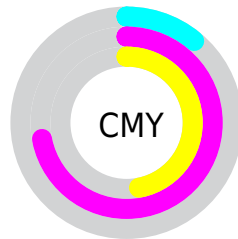
- Red (89%)
- Green (28%)
- Blue (53%)



- Red (89%)
- Yellow (28%)
- Blue (53%)



- Cyan (0%)
- Magenta (69%)
- Yellow (40%)
- Black (11%)





- Cyan (11%)
- Magenta (72%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9904, 22.4245, 25.2477 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 37.9904, 22.4245, 25.2477 by changing the saturation by 10% instead.


 37.9904, 22.4245,
25.2477


 37.9904, 22.4245,
25.2477

328.8604,
264.7552, 292.5563


 26.1524, 14.1691,
16.0410


 71.3974, 47.4466,
53.0279


 17.0710, 8.2384,
9.3985


 93.6972, 64.9822,
72.4384


 10.3807, 4.2479,
4.9017


 120.2149, 86.3799,
96.0873

 5.7163, 1.8132,
2.1319

 151.3159,
112.0242, 124.3932

 2.7124, 0.4954,
0.6347

 187.3656,
142.2995, 157.7744

 1.0035, 0.0000,
0.0000

228.7294,

 0.0000, 0.0000,

177.5902, 196.6497

0.0000

275.7725,
218.2806, 241.4375

■ 37.9904, 22.4245,
25.2477

■ 37.9904, 22.4245,
25.2477

■ 35.9340, 19.7148,
20.2366

■ 40.6987, 26.2516,
31.0510

■ 34.4606, 17.9917,
15.9731

■ 44.1142, 31.3002,
37.6843


■ 33.4731, 17.0681,
12.4028


■ 48.2880, 37.6665,
45.1839


■ 33.3534, 16.9645,
11.9442


■ 53.2659, 45.4361,
53.5831

■ 59.0898, 54.6871,
62.9133

 65.7987, 65.4920,
73.2043

 73.4289, 77.9185,
84.4843

 82.0147, 92.0301,
96.7803

 85.0811, 94.8716,
107.9490

Harmonies

Analogous

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



35.1762, 22.4245, 50.6437



37.9904, 22.4245, 25.2477



35.5785, 22.4245, 10.0608

Triad

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



37.9904, 22.4245, 25.2477



15.4165, 22.4245, 3.7259



15.0194, 22.4245, 75.1163

Complementary

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



37.9904, 22.4245, 25.2477



36.3179, 58.3415, 43.5336

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.



11.4851, 22.4245, 48.3633



37.9904, 22.4245, 25.2477



11.6763, 22.4245, 9.2928

Square

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



37.9904, 22.4245, 25.2477



21.6021, 22.4245, 2.5160



10.4103, 22.4245, 23.6037



21.0281, 22.4245, 87.6510

Rectangle

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



37.9904, 22.4245, 25.2477



31.5783, 22.4245, 5.2821



10.4103, 22.4245, 23.6037



13.5562, 22.4245, 66.9543

Sweetspot

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



37.9910, 22.4257, 25.2481



75.6265, 68.6013, 79.4634



30.7642, 17.6195, 73.7308



15.7246, 13.9475, 16.2708



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.



37.9910, 22.4257, 25.2481



46.3938, 24.8785, 24.2696



35.6662, 22.9529, 8.5134



13.9407, 13.7939, 15.4580



19.0840, 9.7006, 7.1083



1.3666, 0.6899, 0.7231

Inverse Universe

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



37.9910, 22.4257, 25.2481



46.3938, 24.8785, 24.2696



40.1420, 54.4617, 80.3478



13.9407, 13.7939, 15.4580



19.0840, 9.7006, 7.1083



1.3666, 0.6899, 0.7231

Previews

White Background



This preview shows how the XYZ color 37.9904, 22.4245, 25.2477 looks on a white background.

Color Contrast Check

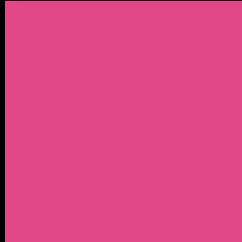
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.9904, 22.4245, 25.2477 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 37.9904, 22.4245, 25.2477

Background



This preview shows how black text looks on a background with the XYZ color 37.9904, 22.4245, 25.2477.



This preview shows how white text looks on a background with the XYZ color 37.9904, 22.4245,

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

37.9904, 22.4245, 25.2477

Protanopia

22.8087, 22.5627, 41.6810

Deuteranopia

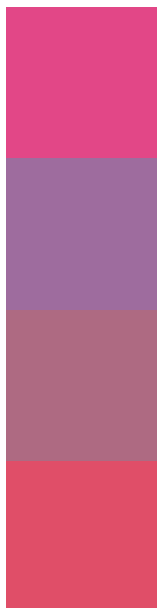
22.9687, 22.4738, 23.2060



Tritanopia

35.1690, 22.4107, 11.4889

Trichromacy



Original Color

37.9904, 22.4245, 25.2477

Protanomaly

25.6347, 20.4628, 34.9464

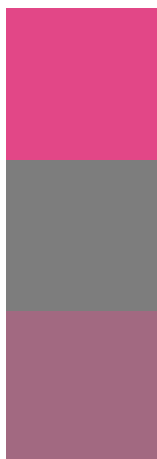
Deuteranomaly

26.6389, 20.9184, 23.7527

Tritanomaly

35.9635, 22.2955, 15.5047

Monochromacy



Original Color

37.9904, 22.4245, 25.2477

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

23.9143, 19.3695, 23.2471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9904, 22.4245, 25.2477 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(226, 71, 135)` looks like.

```
.text, #text, p{  
    color:rgb(226, 71, 135)  
}
```

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(226, 71, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 71, 135) }
```

Border

The CSS property to change the border of an element to XYZ 37.9904, 22.4245, 25.2477 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(226, 71, 135) }
```


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

```
.border{ border-color:rgb(226, 71, 135) }
```

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

Here you see how a box with a 4 pixel rgb(226, 71, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 71, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 71, 135);  
box-shadow:4px 4px 4px 4px rgb(226, 71,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9904, 22.4245, 25.2477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 71, 135) }
```

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

```
.background{ background-color: rgb(226, 71,  
135) }
```

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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