

Converting Colors

XYZ(37.9231, 24.3251, 25.2034)

Have a look what the booklet for
XYZ(37.9231, 24.3251, 25.2034)
contains.

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Color

**XYZ(37.9997, 24.3956,
25.2603)**

Conversions

Conversions Part 1

Format	Color
Hex	DE5986
RGB	222, 89, 134
RGB Percent	87%, 35%, 53%
CMY	0.1294, 0.6510, 0.4745
CMYK	0.00, 0.60, 0.40, 0.13
HSL	340°, 67%, 61%
HSV	340°, 60%, 87%
XYZ	37.9997, 24.3956, 25.2603
YIQ	133.8970, 64.8230, 42.1910

Conversions

Conversions Part 2

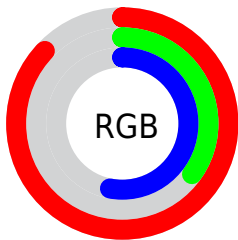
Format	Color
R_{YB}	222, 89, 134
Decimal	14571910
CIE _{Lab}	56.48, 55.92, 2.08
CIE _{LCh}	56, 55.959, 2.127
Yxy	24.3956, 0.4335, 0.2783
Android (android.graphics.Color)	4292761990 (0xFFDE5986)
YUV	133.8970, 0.0508, 77.2663
Hunter-Lab	49.3919, 50.8933, 4.2519

Details

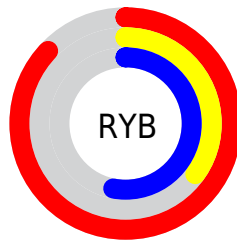
The XYZ color **37.9997, 24.3956, 25.2603** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **38.1784, 57.5414, 50.6931**, and the grayscale version is **22.6063, 23.7836, 25.9003**.

A 20% lighter version of the original color is **60.1829, 44.7944, 52.4879**, and **17.1833, 9.3211, 9.4878** is the 20% darker color. If you saturate the color by 10%, you get **35.4685, 20.8605, 19.7080**, and if you desaturate by 10%, it is **41.2315, 29.1039, 31.7487**.

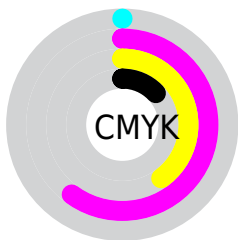
Distribution



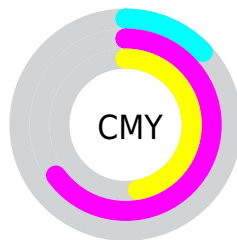
- Red (87%)
- Green (35%)
- Blue (53%)



- Red (87%)
- Yellow (35%)
- Blue (53%)



- Cyan (0%)
- Magenta (60%)
- Yellow (40%)
- Black (13%)



- Cyan (13%)
- Magenta (65%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9997, 24.3956, 25.2603 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 37.9997, 24.3956, 25.2603 by changing the saturation by 10% instead.


 37.9997, 24.3956,
25.2603


 37.9997, 24.3956,
25.2603


328.8996,
274.8144, 292.6208


 26.1597, 15.6273,
16.0503


 71.4116, 50.6750,
53.0485


 17.0764, 9.2608,
9.4050


 93.7141, 68.9549,
72.4639

 10.3846, 4.9117,
4.9059


 120.2349, 91.1742,
96.1181

 5.7189, 2.1955,
2.1344

 151.3393,
117.7172, 124.4297

 2.7140, 0.7176,
0.6361

187.3926,
148.9683, 157.8172

 1.0044, 0.0000,
0.0000

228.7601,

 0.0000, 0.0000,

185.3120, 196.6992

0.0000

275.8073,
227.1326, 241.4942

■ 37.9997, 24.3956,
25.2603

■ 37.9997, 24.3956,
25.2603

■ 35.4685, 20.8605,
19.7080

■ 41.2315, 29.1039,
31.7487

■ 33.5781, 18.3887,
15.0425

■ 45.2126, 35.0745,
39.2160

■ 32.2616, 16.8562,
11.2109

■ 49.9898, 42.3922,
47.7036

■ 31.4048, 16.0454,
8.1421

■ 55.6051, 51.1334,
57.2500

■ 31.3978, 16.0391,
8.1165

■ 62.0976, 61.3687,
67.8915

■ 69.5040, 73.1639,
79.6627

■ 77.8585, 86.5809,
92.5965

■ 83.3783, 94.0473,
105.4526

■ 83.9342, 94.2696,
108.3798

Harmonies

Analogous

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



36.0372, 24.3956, 46.9811



37.9997, 24.3956, 25.2603



35.4203, 24.3956, 11.7467

Triad

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



37.9997, 24.3956, 25.2603



17.1725, 24.3956, 6.3547



17.8365, 24.3956, 72.2391

Complementary

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



37.9997, 24.3956, 25.2603



38.1784, 57.5414, 50.6931

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.



14.1553, 24.3956, 50.4161



37.9997, 24.3956, 25.2603



13.8252, 24.3956, 13.1290

Square

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



37.9997, 24.3956, 25.2603



22.7280, 24.3956, 4.4805



12.8320, 24.3956, 27.9090



23.6528, 24.3956, 80.5572

Rectangle

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



37.9997, 24.3956, 25.2603



31.7083, 24.3956, 7.1787



12.8320, 24.3956, 27.9090



16.3485, 24.3956, 65.8590

Sweetspot

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



38.0004, 24.3969, 25.2607



77.6050, 72.3260, 80.8389



34.5388, 21.5864, 71.4535



16.0887, 14.6625, 16.4332



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.



38.0004, 24.3969, 25.2607



47.7880, 27.5252, 25.1712



37.3917, 27.1790, 12.7282



13.8976, 13.7767, 15.2310



18.6963, 9.5455, 5.0666



1.3367, 0.6780, 0.5661

Inverse Universe

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



38.0004, 24.3969, 25.2607



47.7880, 27.5252, 25.1712



38.4379, 49.6633, 76.6674



13.8976, 13.7767, 15.2310



18.6963, 9.5455, 5.0666



1.3367, 0.6780, 0.5661

Previews

White Background



This preview shows how the XYZ color 37.9997, 24.3956, 25.2603 looks on a white background.

Color Contrast Check

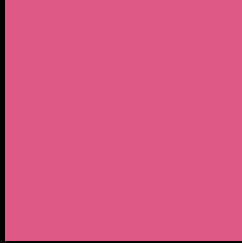
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.9997, 24.3956, 25.2603 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 37.9997, 24.3956, 25.2603

Background



This preview shows how black text looks on a background with the XYZ color 37.9997, 24.3956, 25.2603.



This preview shows how white text looks on a background with the XYZ color 37.9997, 24.3956,

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

37.9997, 24.3956, 25.2603

Protanopia

24.4571, 24.7264, 37.2019

Deuteranopia

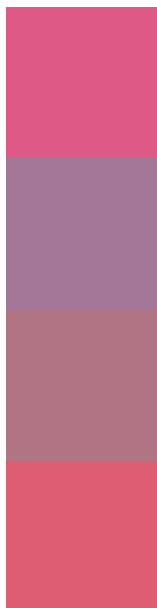
24.9615, 24.4665, 23.8290



Tritanopia

36.0057, 24.3594, 15.3745

Trichromacy



Original Color

37.9997, 24.3956, 25.2603

Protanomaly

27.3742, 23.0837, 32.2910

Deuteranomaly

28.4061, 23.4496, 24.1482

Tritanomaly

36.7704, 24.4158, 18.6943

Monochromacy



Original Color

37.9997, 24.3956, 25.2603

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

26.5074, 22.7851, 25.5551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9997, 24.3956, 25.2603 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, 89, 134)` looks like.

```
.text, #text, p{  
    color:rgb(222, 89, 134)  
}
```

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, 89, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 89, 134) }
```

Border

The CSS property to change the border of an element to XYZ 37.9997, 24.3956, 25.2603 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, 89, 134) }
```


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

```
.border{ border-color:rgb(222, 89, 134) }
```

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

Here you see how a box with a 4 pixel rgb(222, 89, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 89, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 89, 134);  
box-shadow:4px 4px 4px 4px rgb(222, 89,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9997, 24.3956, 25.2603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 89, 134) }
```

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

```
.background{ background-color: rgb(222, 89,  
134) }
```

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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