

Converting Colors

XYZ(39.7657, 25.7203, 29.6567)

Have a look what the booklet for
XYZ(39.7657, 25.7203, 29.6567)
contains.

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Color

**XYZ(39.7657, 25.7203,
29.6567)**

Conversions

Conversions Part 1

Format	Color
Hex	E05D91
RGB	224, 93, 145
RGB Percent	88%, 36%, 57%
CMY	0.1216, 0.6353, 0.4314
CMYK	0.00, 0.58, 0.35, 0.12
HSL	336°, 68%, 62%
HSV	336°, 58%, 88%
XYZ	39.7657, 25.7203, 29.6567
YIQ	138.0970, 61.3840, 43.9440

Conversions

Conversions Part 2

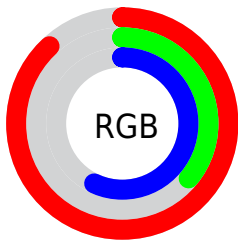
Format	Color
R_{YB}	224, 93, 145
Decimal	14704017
CIE _{Lab}	57.77, 55.98, -2.45
CIE _{LCh}	58, 56.038, 357.491
Yxy	25.7203, 0.4180, 0.2703
Android (android.graphics.Color)	4292894097 (0xFFE05D91)
YUV	138.0970, 3.4032, 75.3369
Hunter-Lab	50.7152, 51.2100, 0.8296

Details

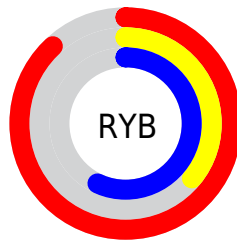
The XYZ color **39.7657, 25.7203, 29.6567** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **38.6177, 58.6178, 48.3121**, and the grayscale version is **24.1664, 25.4250, 27.6878**.

A 20% lighter version of the original color is **62.1387, 46.5633, 59.7454**, and **18.1546, 9.9696, 11.7939** is the 20% darker color. If you saturate the color by 10%, you get **37.0990, 21.9560, 23.9304**, and if you desaturate by 10%, it is **43.1334, 30.6881, 36.2283**.

Distribution



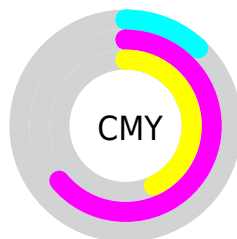
- Red (88%)
- Green (36%)
- Blue (57%)



- Red (88%)
- Yellow (36%)
- Blue (57%)



- Cyan (0%)
- Magenta (58%)
- Yellow (35%)
- Black (12%)





- Cyan (12%)
- Magenta (64%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7657, 25.7203, 29.6567 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 39.7657, 25.7203, 29.6567 by changing the saturation by 10% instead.


 39.7657, 25.7203,
29.6567


 39.7657, 25.7203,
29.6567


336.2864,
281.4063, 314.4583


 27.5393, 16.6145,
19.3283


 74.0932, 52.8234,
60.1734


 18.1173, 9.9600,
11.7285


 96.9250, 71.5895,
81.1988

 11.1345, 5.3725,
6.4388


 124.0227, 94.3444,
106.6270

 6.2253, 2.4674,
3.0406

 155.7516,
121.4727, 136.8765

 3.0245, 0.8603,
1.1154

192.4771,
153.3586, 172.3658

 1.1667, 0.0000,
0.0000

234.5645,

 0.0799, 0.0000,

190.3866, 213.5136

0.0000

282.3791,
232.9410, 260.7382

■ 0.0000, 0.0000,
0.0000

■ 39.7657, 25.7203,
29.6567

■ 39.7657, 25.7203,
29.6567

■ 37.0990, 21.9560,
23.9304

■ 43.1334, 30.6881,
36.2283

■ 35.0750, 19.2858,
19.0080

■ 47.2496, 36.9483,
43.6806

■ 33.6285, 17.5867,
14.8453


■ 52.1601, 44.5860,
52.0484


■ 32.6643, 16.6760,
11.3867


■ 57.9062, 53.6777,
61.3641


■ 32.5399, 16.5671,
10.9141

■ 64.5263, 64.2945,
71.6582

 72.0562, 76.5026,
82.9598

 80.5298, 90.3642,
95.2966

 84.2418, 94.4639,
106.7829

 84.5506, 94.5873,
108.4086

Harmonies

Analogous

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



37.0462, 25.7203, 52.9805



39.7657, 25.7203, 29.6567



37.7976, 25.7203, 14.1576

Triad

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



39.7657, 25.7203, 29.6567



18.9523, 25.7203, 6.3306



18.1373, 25.7203, 72.2555

Complementary

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



39.7657, 25.7203, 29.6567



38.6177, 58.6178, 48.3121

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.



14.6800, 25.7203, 48.8028



39.7657, 25.7203, 29.6567



15.0864, 25.7203, 12.4503

Square

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



39.7657, 25.7203, 29.6567



25.0165, 25.7203, 4.9138



13.6739, 25.7203, 26.4159



23.8850, 25.7203, 83.6510

Rectangle

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



39.7657, 25.7203, 29.6567



34.2610, 25.7203, 8.6210



13.6739, 25.7203, 26.4159



16.7117, 25.7203, 65.1142

Sweetspot

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



39.7664, 25.7216, 29.6572



77.9742, 72.4737, 82.7829



34.2958, 21.9376, 72.9480



16.1780, 14.6982, 16.9034



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.



39.7664, 25.7216, 29.6572



49.1530, 28.6156, 30.6806



37.8817, 26.9678, 13.5663



13.9315, 13.7902, 15.4092



18.9936, 9.6644, 6.6319



1.3598, 0.6872, 0.6874

Inverse Universe

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



39.7664, 25.7216, 29.6572



49.1530, 28.6156, 30.6806



41.2392, 54.2487, 78.8187



13.9315, 13.7902, 15.4092



18.9936, 9.6644, 6.6319



1.3598, 0.6872, 0.6874

Previews

White Background



This preview shows how the XYZ color 39.7657, 25.7203, 29.6567 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 39.7657, 25.7203, 29.6567 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 39.7657, 25.7203, 29.6567

Background



This preview shows how black text looks on a background with the XYZ color 39.7657, 25.7203, 29.6567.



This preview shows how white text looks on a background with the XYZ color 39.7657, 25.7203,

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

39.7657, 25.7203, 29.6567

Protanopia

25.9914, 26.0194, 43.1875

Deuteranopia

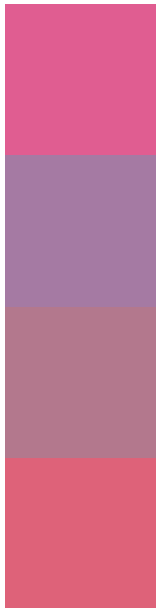
26.4610, 25.9643, 28.0431



Tritanopia

37.1792, 25.7622, 17.2004

Trichromacy



Original Color

39.7657, 25.7203, 29.6567

Protanomaly

29.0874, 24.5627, 37.8583

Deuteranomaly

30.1146, 24.9397, 28.4259

Tritanomaly

37.9431, 25.6454, 21.0394

Monochromacy



Original Color

39.7657, 25.7203, 29.6567

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

28.1294, 24.2772, 28.4027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7657, 25.7203, 29.6567 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(224, 93, 145)` looks like.

```
.text, #text, p{  
    color:rgb(224, 93, 145)  
}
```

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(224, 93, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 93, 145) }
```

Border

The CSS property to change the border of an element to XYZ 39.7657, 25.7203, 29.6567 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(224, 93, 145) }
```


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

```
.border{ border-color:rgb(224, 93, 145) }
```

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

Here you see how a box with a 4 pixel rgb(224, 93, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 93, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 93, 145);  
box-shadow:4px 4px 4px 4px rgb(224, 93,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7657, 25.7203, 29.6567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 93, 145) }
```

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

```
.background{ background-color: rgb(224, 93,  
145) }
```

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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