

Converting Colors

XYZ(38.4455, 24.9969, 18.7140)

Have a look what the booklet for
XYZ(38.4455, 24.9969, 18.7140)
contains.

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Color

**XYZ(38.4569, 25.0280,
18.7236)**

Conversions

Conversions Part 1

Format	Color
Hex	E35B72
RGB	227, 91, 114
RGB Percent	89%, 36%, 45%
CMY	0.1098, 0.6431, 0.5529
CMYK	0.00, 0.60, 0.50, 0.11
HSL	350°, 71%, 62%
HSV	350°, 60%, 89%
XYZ	38.4569, 25.0280, 18.7236
YIQ	134.2860, 73.6730, 35.9850

Conversions

Conversions Part 2

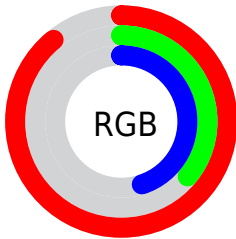
Format	Color
RYB	227, 91, 114
Decimal	14900082
CIELab	57.10, 54.72, 14.82
CIELCh	57, 56.687, 15.157
Yxy	25.0280, 0.4678, 0.3044
Android (android.graphics.Color)	4293090162 (0xFFE35B72)
YUV	134.2860, -10.0010, 81.3102
Hunter-Lab	50.0280, 49.6653, 12.8296

Details

The XYZ color **38.4569, 25.0280, 18.7236** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **42.6841, 61.5225, 66.7566**, and the grayscale version is **22.7829, 23.9694, 26.1027**.

A 20% lighter version of the original color is **58.4018, 44.5709, 41.6013**, and **17.4362, 9.6419, 6.0963** is the 20% darker color. If you saturate the color by 10%, you get **35.8361, 21.3312, 13.0881**, and if you desaturate by 10%, it is **41.8871, 29.9894, 25.7215**.

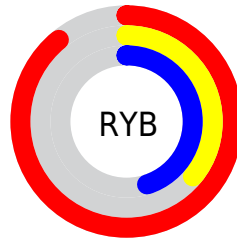
Distribution



Red (89%)

Green (36%)

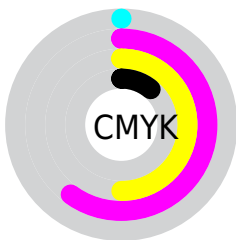
Blue (45%)



Red (89%)

Yellow (36%)

Blue (45%)

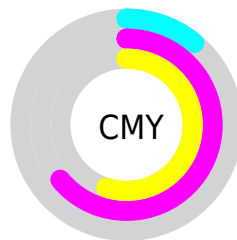


Cyan (0%)

Magenta (60%)

Yellow (50%)

Black (11%)



Cyan (11%)


Magenta (64%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4569, 25.0280, 18.7236 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 38.4569, 25.0280, 18.7236 by changing the saturation by 10% instead.

 38.4569, 25.0280,
18.7236


 38.4569, 25.0280,
18.7236

330.8230,
277.9774, 257.2903


 26.5163, 16.0979,
11.2959


 72.1073, 51.7026,
42.0970


 17.3450, 9.5935,
6.1496


 94.5478, 70.2160,
58.8798

 10.5776, 5.1303,
2.8660


 121.2191, 92.6926,
79.6181

 5.8488, 2.3239,
1.0266

 152.4863,
119.5167, 104.7303

 2.7931, 0.7863,
0.0000

188.7150,
151.0729, 134.6352

 1.0453, 0.0000,
0.0000

230.2704,

 0.0000, 0.0000,

187.7455, 169.7511

0.0000

277.5180,
229.9188, 210.4966

■ 38.4569, 25.0280,
18.7236

■ 38.4569, 25.0280,
18.7236

■ 35.8361, 21.3312,
13.0881

■ 41.8871, 29.9894,
25.7215

■ 33.9543, 18.7800,
8.7233

■ 46.1852, 36.3124,
34.1625

■ 32.7319, 17.2396,
5.5278

■ 51.4065, 44.0889,
44.1225

■ 32.0395, 16.4789,
3.3729

■ 57.6013, 53.4019,
55.6716

■ 32.0344, 16.4732,
3.3572

■ 64.8157, 64.3279,
68.8756

■ 73.0935, 76.9386,
83.7964

■ 82.4754, 91.3009,
100.4928

■ 85.4884, 95.0708,
108.4525

Harmonies

Analogous

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



38.4820, 25.0280, 37.7974



38.4569, 25.0280, 18.7236



34.0389, 25.0280, 8.6105

Triad

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



38.4569, 25.0280, 18.7236



15.7970, 25.0280, 8.6767



20.6487, 25.0280, 80.4849

Complementary

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



38.4569, 25.0280, 18.7236



42.6841, 61.5225, 66.7566

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.



15.8349, 25.0280, 62.5199



38.4569, 25.0280, 18.7236



13.4111, 25.0280, 18.8755

Square

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



38.4569, 25.0280, 18.7236



20.5869, 25.0280, 4.9383



13.4235, 25.0280, 38.0400



27.3056, 25.0280, 80.3776

Rectangle

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



38.4569, 25.0280, 18.7236



29.6003, 25.0280, 5.6500



13.4235, 25.0280, 38.0400



18.7918, 25.0280, 76.0889

Sweetspot

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



38.4575, 25.0294, 18.7240



76.5712, 71.9125, 75.3953



41.9824, 25.5957, 75.4005



15.8401, 14.5631, 15.1241



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.



38.4575, 25.0294, 18.7240



45.9390, 26.7856, 15.4344



42.1022, 34.1565, 14.2733



14.4759, 14.4076, 15.4406



18.7117, 9.6189, 2.1108



1.4125, 0.7227, 0.3127

Inverse Universe

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



38.4575, 25.0294, 18.7240



45.9390, 26.7856, 15.4344



35.3074, 42.0249, 78.9235



14.4759, 14.4076, 15.4406



18.7117, 9.6189, 2.1108



1.4125, 0.7227, 0.3127

Previews

White Background



This preview shows how the XYZ color 38.4569, 25.0280, 18.7236 looks on a white background.

Color Contrast Check

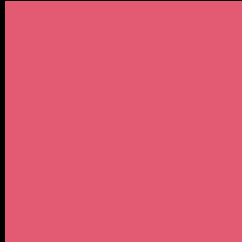
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.4569, 25.0280, 18.7236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

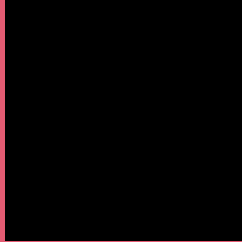
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.4569, 25.0280, 18.7236

Background



This preview shows how black text looks on a background with the XYZ color 38.4569, 25.0280, 18.7236.



This preview shows how white text looks on a background with the XYZ color 38.4569, 25.0280,

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

38.4569, 25.0280, 18.7236

Protanopia

24.3483, 25.3017, 27.6452

Deuteranopia

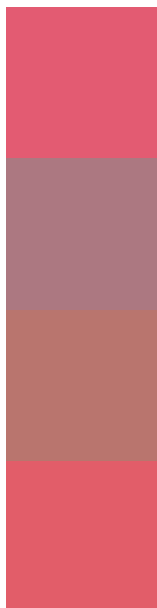
25.6560, 25.1623, 17.6920



Tritanopia

37.6670, 25.0943, 14.9150

Trichromacy



Original Color

38.4569, 25.0280, 18.7236

Protanomaly

27.6922, 23.7886, 23.9010

Deuteranomaly

29.1833, 24.1627, 17.8776

Tritanomaly

37.8282, 25.0174, 16.1997

Monochromacy



Original Color

38.4569, 25.0280, 18.7236

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

26.4576, 22.8140, 23.0877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4569, 25.0280, 18.7236 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(227, 91, 114)` looks like.

```
.text, #text, p{  
    color:rgb(227, 91, 114)  
}
```

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(227, 91, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 91, 114) }
```

Border

The CSS property to change the border of an element to XYZ 38.4569, 25.0280, 18.7236 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(227, 91, 114) }
```


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

```
.border{ border-color:rgb(227, 91, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 91, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 91, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 91, 114);  
box-shadow:4px 4px 4px 4px rgb(227, 91,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4569, 25.0280, 18.7236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 91, 114) }
```

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

```
.background{ background-color: rgb(227, 91,  
114) }
```

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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