

Converting Colors

XYZ(41.2450, 27.3646, 26.4226)

Have a look what the booklet for
XYZ(41.2450, 27.3646, 26.4226)
contains.

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Color

**XYZ(41.2189, 27.3593,
26.4009)**

Conversions

Conversions Part 1

Format	Color
Hex	E56388
RGB	229, 99, 136
RGB Percent	90%, 39%, 53%
CMY	0.1020, 0.6117, 0.4667
CMYK	0.00, 0.57, 0.41, 0.10
HSL	343°, 71%, 64%
HSV	343°, 57%, 90%
XYZ	41.2189, 27.3593, 26.4009
YIQ	142.0880, 65.6030, 39.0670

Conversions

Conversions Part 2

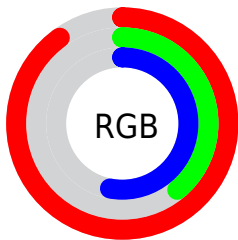
Format	Color
R _Y B	229, 99, 136
Decimal	15033224
CIE Lab	59.31, 53.87, 5.12
CIE LCh	59, 54.113, 5.432
Yxy	27.3593, 0.4340, 0.2881
Android (android.graphics.Color)	4293223304 (0xFFE56388)
YUV	142.0880, -3.0014, 76.2218
Hunter-Lab	52.3061, 49.1280, 6.6884

Details

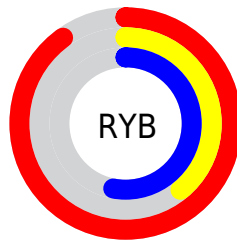
The XYZ color **41.2189, 27.3593, 26.4009** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **42.6810, 62.4978, 59.6871**, and the grayscale version is **25.7403, 27.0808, 29.4910**.

A 20% lighter version of the original color is **61.9809, 48.0453, 54.1510**, and **18.8699, 10.7628, 9.8870** is the 20% darker color. If you saturate the color by 10%, you get **38.2719, 23.1885, 20.1065**, and if you desaturate by 10%, it is **44.9603, 32.8340, 33.8387**.

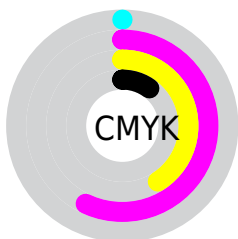
Distribution



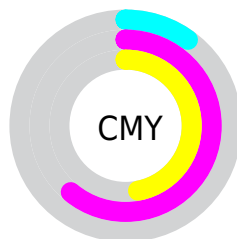
- Red (90%)
- Green (39%)
- Blue (53%)



- Red (90%)
- Yellow (39%)
- Blue (53%)



- Cyan (0%)
- Magenta (57%)
- Yellow (41%)
- Black (10%)





- Cyan (10%)
- Magenta (61%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2189, 27.3593, 26.4009 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 41.2189, 27.3593, 26.4009 by changing the saturation by 10% instead.


 41.2189, 27.3593,
26.4009


 41.2189, 27.3593,
26.4009

342.2817,
289.3926, 298.4124


 28.6786, 17.8433,
16.8953


 76.2887, 55.4599,
54.9130

 18.9809, 10.8375,
9.9987


 99.5489, 74.8132,
74.7566

 11.7604, 5.9577,
5.2925


 127.1131, 98.2144,
98.8833

 6.6518, 2.8194,
2.3582

 159.3467,
126.0479, 127.7117

 3.2897, 1.0382,
0.7635

196.6149,
158.6981, 161.6603

 1.3087, 0.0000,
0.0000

239.2833,

 0.1897, 0.0000,

196.5493, 201.1475

0.0000

287.7171,
239.9860, 246.5921

■ 0.0000, 0.0000,
0.0000

■ 41.2189, 27.3593,
26.4009

■ 41.2189, 27.3593,
26.4009

■ 38.2719, 23.1885,
20.1065

■ 44.9603, 32.8340,
33.8387

■ 36.0556, 20.2072,
14.8937

■ 49.5487, 39.7059,
42.4740

■ 34.4994, 18.2879,
10.6965

■ 55.0346, 48.0646,
52.3588

■ 33.5138, 17.2669,
7.4386

■ 61.4639, 57.9909,
63.5417

■ 33.2721, 17.0416,
6.5623

■ 68.8792, 69.5599,
76.0684

■ 77.3204, 82.8417,
89.9826

■ 85.4357, 95.1231,
104.8625

■ 86.1231, 95.3980,
108.4822

Harmonies

Analogous

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



39.7163, 27.3593, 48.1143



41.2189, 27.3593, 26.4009



38.1058, 27.3593, 12.9934

Triad

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



41.2189, 27.3593, 26.4009



19.1696, 27.3593, 8.5803



20.9630, 27.3593, 78.1269

Complementary

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



41.2189, 27.3593, 26.4009



42.6810, 62.4978, 59.6871

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.



16.7815, 27.3593, 57.0207



41.2189, 27.3593, 26.4009



15.8788, 27.3593, 16.8320

Square

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



41.2189, 27.3593, 26.4009



24.7923, 27.3593, 5.9669



15.0869, 27.3593, 33.4566



27.2549, 27.3593, 84.3814

Rectangle

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



41.2189, 27.3593, 26.4009



34.1033, 27.3593, 8.4406



15.0869, 27.3593, 33.4566



19.3011, 27.3593, 72.1911

Sweetspot

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



41.2196, 27.3607, 26.4014



78.1488, 73.5532, 80.5897



39.8412, 25.5297, 76.9566



16.3526, 15.1629, 16.6054



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.



41.2196, 27.3607, 26.4014



48.3203, 28.8717, 24.4795



41.9000, 32.2278, 15.8185



14.5448, 14.4351, 15.8032



19.0681, 9.7615, 3.9877



1.4480, 0.7369, 0.4999

Inverse Universe

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



41.2196, 27.3607, 26.4014



48.3203, 28.8717, 24.4795



40.6456, 51.0228, 81.8349



14.5448, 14.4351, 15.8032



19.0681, 9.7615, 3.9877



1.4480, 0.7369, 0.4999

Previews

White Background



This preview shows how the XYZ color 41.2189, 27.3593, 26.4009 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 41.2189, 27.3593, 26.4009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

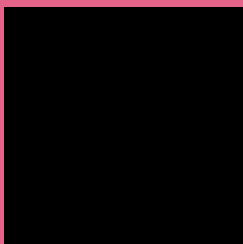
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.2189, 27.3593, 26.4009

Background



This preview shows how black text looks on a background with the XYZ color 41.2189, 27.3593, 26.4009.



This preview shows how white text looks on a background with the XYZ color 41.2189, 27.3593,

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

41.2189, 27.3593, 26.4009

Protanopia

27.0905, 27.5819, 37.6142

Deuteranopia

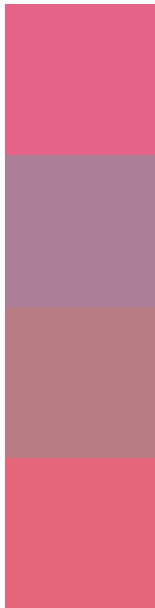
28.0180, 27.4700, 24.9446



Tritanopia

39.4981, 27.3792, 18.2419

Trichromacy



Original Color

41.2189, 27.3593, 26.4009

Protanomaly

30.3619, 26.0729, 33.1381

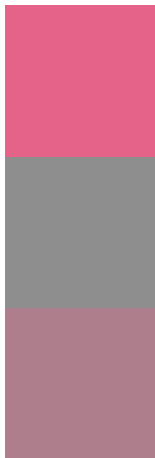
Deuteranomaly

31.6222, 26.5203, 25.2821

Tritanomaly

40.1364, 27.3528, 20.9335

Monochromacy



Original Color

41.2189, 27.3593, 26.4009

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

29.6500, 25.8138, 28.2308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2189, 27.3593, 26.4009 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(229, 99, 136)` looks like.

```
.text, #text, p{  
    color:rgb(229, 99, 136)  
}
```

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(229, 99, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 99, 136) }
```

Border

The CSS property to change the border of an element to XYZ 41.2189, 27.3593, 26.4009 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(229, 99, 136) }
```


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

```
.border{ border-color:rgb(229, 99, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 99, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 99, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 99, 136); box-shadow:4px 4px 4px 4px rgb(229, 99, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2189, 27.3593, 26.4009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 99, 136) }
```

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

```
.background{ background-color: rgb(229, 99,  
136) }
```

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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