

Converting Colors

XYZ(43.0154, 27.3439, 26.6267)

Have a look what the booklet for
XYZ(43.0154, 27.3439, 26.6267)
contains.

XYZ(42.9346, 27.2933, 26.6721)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.9346, 27.2933,
26.6721)**

Conversions

Conversions Part 1

Format	Color
Hex	EC5C89
RGB	236, 92, 137
RGB Percent	93%, 36%, 54%
CMY	0.0745, 0.6392, 0.4627
CMYK	0.00, 0.61, 0.42, 0.07
HSL	341°, 79%, 64%
HSV	341°, 61%, 93%
XYZ	42.9346, 27.2933, 26.6721
YIQ	140.1860, 71.3790, 44.5230

Conversions

Conversions Part 2

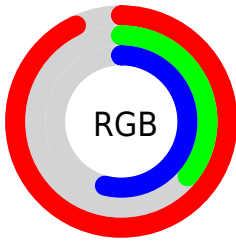
Format	Color
R_{YB}	236, 92, 137
Decimal	15490185
CIE _{Lab}	59.24, 59.31, 4.59
CIE _{LCh}	59, 59.489, 4.428
Yxy	27.2933, 0.4431, 0.2817
Android (android.graphics.Color)	4293680265 (0xFFEC5C89)
YUV	140.1860, -1.5707, 84.0289
Hunter-Lab	52.2430, 55.2705, 6.3002

Details

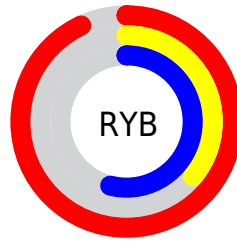
The XYZ color **42.9346, 27.2933, 26.6721** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **43.8147, 66.0286, 59.7302**, and the grayscale version is **24.9872, 26.2884, 28.6281**.

A 20% lighter version of the original color is **61.1242, 46.1575, 54.4029**, and **20.0891, 10.8468, 10.0516** is the 20% darker color. If you saturate the color by 10%, you get **40.1214, 23.3916, 20.4172**, and if you desaturate by 10%, it is **46.5609, 32.5409, 34.0621**.

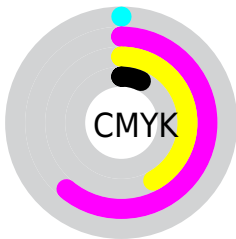
Distribution



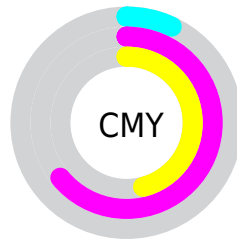
- Red (93%)
- Green (36%)
- Blue (54%)



- Red (93%)
- Yellow (36%)
- Blue (54%)



- Cyan (0%)
- Magenta (61%)
- Yellow (42%)
- Black (7%)





- Cyan (7%)
- Magenta (64%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9346, 27.2933, 26.6721 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 42.9346, 27.2933, 26.6721 by changing the saturation by 10% instead.


 42.9346, 27.2933,
26.6721

 42.9346, 27.2933,
26.6721

349.2688,
289.0744, 299.7757

 30.0281, 17.7936,
17.0969


 78.8685, 55.3542,
55.3546


 20.0081, 10.8019,
10.1409


 102.6266, 74.6841,
75.2989

 12.5092, 5.9338,
5.3856

 130.7326, 98.0597,
99.5366

 7.1661, 2.8049,
2.4126

 163.5519,
125.8651, 128.4863

 3.6135, 1.0307,
0.7933

201.4498,
158.4850, 162.5666

 1.4859, 0.0000,
0.0000

244.7917,

 0.3162, 0.0000,

196.3035, 202.1958

0.0000

293.9429,
239.7052, 247.7927

■ 0.0000, 0.0000,
0.0000

■ 42.9346, 27.2933,
26.6721

■ 42.9346, 27.2933,
26.6721

■ 40.1214, 23.3916,
20.4172

■ 46.5609, 32.5409,
34.0621

■ 38.0498, 20.7057,
15.2345

■ 51.0589, 39.2401,
42.6421


■ 36.6389, 19.0868,
11.0559

■ 56.4840, 47.4907,
52.4647


■ 35.8194, 18.3238,
8.0819

■ 62.8864, 57.3827,
63.5790

■ 70.3126, 68.9989,
76.0310

 78.8059, 82.4167,
89.8645

 87.6987, 96.2915,
104.8852

 88.4021, 96.5729,
108.5889

Harmonies

Analogous

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



41.0655, 27.2933, 51.0873



42.9346, 27.2933, 26.6721



39.5868, 27.2933, 12.0791

Triad

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



42.9346, 27.2933, 26.6721



18.6791, 27.2933, 7.1435



20.2548, 27.2933, 83.9504

Complementary

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



42.9346, 27.2933, 26.6721



43.8147, 66.0286, 59.7302

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.



15.8588, 27.2933, 59.3402



42.9346, 27.2933, 26.6721



15.0782, 27.2933, 15.3338

Square

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



42.9346, 27.2933, 26.6721



24.8550, 27.2933, 4.7532



14.1535, 27.2933, 32.9869



27.0592, 27.2933, 91.9507

Rectangle

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



42.9346, 27.2933, 26.6721



35.1629, 27.2933, 7.3261



14.1535, 27.2933, 32.9869



18.4921, 27.2933, 76.9137

Sweetspot

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



42.9353, 27.2948, 26.6726



77.4440, 72.2616, 79.9911



40.3041, 24.7109, 82.0023



16.0499, 14.6470, 16.2285



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.



42.9353, 27.2948, 26.6726



47.1907, 27.0305, 22.8140



43.0506, 31.6586, 13.9688



15.2593, 15.1316, 16.6509



19.7957, 10.1210, 4.7253



1.5964, 0.8115, 0.5919

Inverse Universe

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



42.9353, 27.2948, 26.6726



47.1907, 27.0305, 22.8140



42.5031, 54.2285, 87.5839



15.2593, 15.1316, 16.6509



19.7957, 10.1210, 4.7253



1.5964, 0.8115, 0.5919

Previews

White Background



This preview shows how the XYZ color 42.9346, 27.2933, 26.6721 looks on a white background.

Color Contrast Check

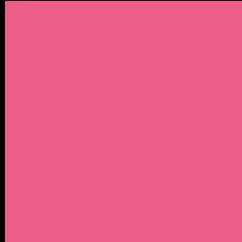
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.9346, 27.2933, 26.6721 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 42.9346, 27.2933, 26.6721

Background



This preview shows how black text looks on a background with the XYZ color 42.9346, 27.2933, 26.6721.



This preview shows how white text looks on a background with the XYZ color 42.9346, 27.2933,

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

42.9346, 27.2933, 26.6721

Protanopia

27.2034, 27.5881, 39.9677

Deuteranopia

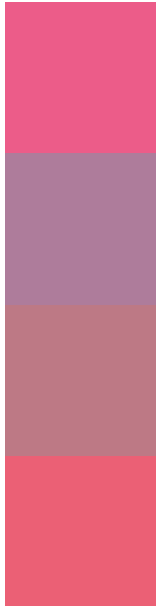
28.0180, 27.4700, 24.9446



Tritanopia

40.8492, 27.2477, 16.4709

Trichromacy



Original Color

42.9346, 27.2933, 26.6721

Protanomaly

30.5796, 25.7805, 34.3748

Deuteranomaly

32.0573, 26.1870, 25.5553

Tritanomaly

41.6547, 27.3123, 19.9060

Monochromacy



Original Color

42.9346, 27.2933, 26.6721

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

29.4224, 25.1440, 27.7286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9346, 27.2933, 26.6721 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(236, 92, 137)` looks like.

```
.text, #text, p{  
    color:rgb(236, 92, 137)  
}
```

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(236, 92, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 92, 137) }
```

Border

The CSS property to change the border of an element to XYZ 42.9346, 27.2933, 26.6721 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(236, 92, 137) }
```


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

```
.border{ border-color:rgb(236, 92, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 92, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 92, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 92, 137); box-shadow:4px 4px 4px 4px rgb(236, 92, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9346, 27.2933, 26.6721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 92, 137) }
```

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

```
.background{ background-color: rgb(236, 92,  
137) }
```

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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