

Converting Colors

XYZ(42.5174, 26.9505, 26.6280)

Have a look what the booklet for
XYZ(42.5174, 26.9505, 26.6280)
contains.

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Color

**XYZ(42.5174, 26.9505,
26.6280)**

Conversions

Conversions Part 1

Format	Color
Hex	EB5B89
RGB	235, 91, 137
RGB Percent	92%, 36%, 54%
CMY	0.0784, 0.6431, 0.4627
CMYK	0.00, 0.61, 0.42, 0.08
HSL	341°, 78%, 64%
HSV	341°, 61%, 92%
XYZ	42.5174, 26.9505, 26.6280
YIQ	139.3000, 71.0580, 44.8340

Conversions

Conversions Part 2

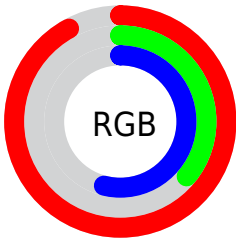
Format	Color
R _{YB}	235, 91, 137
Decimal	15424393
CIE _{Lab}	58.93, 59.43, 4.12
CIE _{LCh}	59, 59.570, 3.962
Yxy	26.9505, 0.4424, 0.2805
Android (android.graphics.Color)	4293614473 (0xFFEB5B89)
YUV	139.3000, -1.1339, 83.9289
Hunter-Lab	51.9139, 55.3420, 5.9283

Details

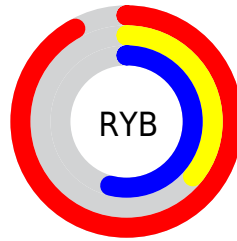
The XYZ color **42.5174, 26.9505, 26.6280** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **43.2097, 65.3156, 58.4783**, and the grayscale version is **24.6424, 25.9258, 28.2332**.

A 20% lighter version of the original color is **60.9680, 45.8451, 54.3508**, and **19.8147, 10.6326, 10.0248** is the 20% darker color. If you saturate the color by 10%, you get **39.7500, 23.1178, 20.4585**, and if you desaturate by 10%, it is **46.0851, 32.1116, 33.9038**.

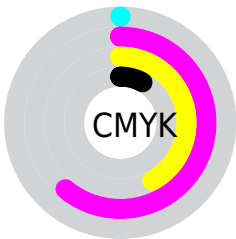
Distribution



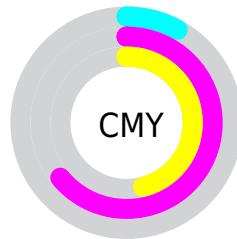
- Red (92%)
- Green (36%)
- Blue (54%)



- Red (92%)
- Yellow (36%)
- Blue (54%)



- Cyan (0%)
- Magenta (61%)
- Yellow (42%)
- Black (8%)





- Cyan (8%)
- Magenta (64%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5174, 26.9505, 26.6280 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 42.5174, 26.9505, 26.6280 by changing the saturation by 10% instead.


 42.5174, 26.9505,
26.6280


 42.5174, 26.9505,
26.6280

347.5785,
287.4174, 299.5544


 29.6995, 17.5360,
17.0641


 78.2424, 54.8044,
55.2828


 19.7576, 10.6174,
10.1177

 101.8801, 74.0127,
75.2108

 12.3262, 5.8102,
5.3705

 129.8553, 97.2544,
99.4305

 7.0400, 2.7300,
2.4037

 162.5331,
124.9138, 128.3605

 3.5337, 0.9925,
0.7885

200.2790,
157.3754, 162.4194

 1.4419, 0.0000,
0.0000

243.4583,

 0.2858, 0.0000,

195.0236, 202.0256

0.0000

292.4364,
238.2428, 247.5978

■ 0.0000, 0.0000,
0.0000

■ 42.5174, 26.9505,
26.6280

■ 42.5174, 26.9505,
26.6280

■ 39.7500, 23.1178,
20.4585

■ 46.0851, 32.1116,
33.9038

■ 37.7124, 20.4843,
15.3343

■ 50.5110, 38.7057,
42.3392

■ 36.3241, 18.9022,
11.1894

■ 55.8499, 46.8320,
51.9850

■ 35.5330, 18.1710,
8.3021

■ 62.1515, 56.5796,
62.8889

■ 69.4614, 68.0305,
75.0954

■ 77.8227, 81.2613,
88.6471

■ 87.1132, 96.0191,
103.5302

■ 88.0709, 96.4021,
108.5734

Harmonies

Analogous

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



40.5784, 26.9505, 51.0139



42.5174, 26.9505, 26.6280



39.2620, 26.9505, 12.0071

Triad

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



42.5174, 26.9505, 26.6280



18.4852, 26.9505, 6.9109



19.8839, 26.9505, 83.0167

Complementary

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



42.5174, 26.9505, 26.6280



43.2097, 65.3156, 58.4783

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.



15.5663, 26.9505, 58.3654



42.5174, 26.9505, 26.6280



14.8741, 26.9505, 14.8888

Square

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



42.5174, 26.9505, 26.6280



24.6487, 26.9505, 4.6203



13.9177, 26.9505, 32.2398



26.6076, 26.9505, 91.3268

Rectangle

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



42.5174, 26.9505, 26.6280



34.8922, 26.9505, 7.2376



13.9177, 26.9505, 32.2398



18.1489, 26.9505, 75.9306

Sweetspot

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



42.5181, 26.9519, 26.6285



77.4871, 72.2789, 80.2183



39.2314, 24.0469, 81.1709



16.0603, 14.6512, 16.2834



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.



42.5181, 26.9519, 26.6285



47.0087, 26.7128, 22.6114



42.2811, 30.6807, 13.5930



15.2637, 15.1333, 16.6741



19.8272, 10.1336, 4.8912



1.5993, 0.8127, 0.6072

Inverse Universe

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



42.5181, 26.9519, 26.6285



47.0087, 26.7128, 22.6114



42.6052, 54.8119, 86.9314



15.2637, 15.1333, 16.6741



19.8272, 10.1336, 4.8912



1.5993, 0.8127, 0.6072

Previews

White Background



This preview shows how the XYZ color 42.5174, 26.9505, 26.6280 looks on a white background.

Color Contrast Check

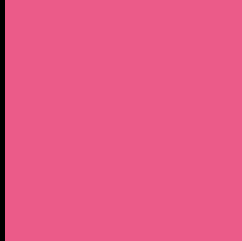
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.5174, 26.9505, 26.6280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

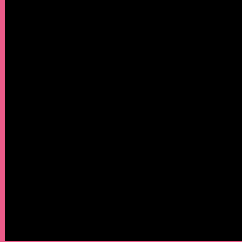
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 42.5174, 26.9505, 26.6280

Background



This preview shows how black text looks on a background with the XYZ color 42.5174, 26.9505, 26.6280.



This preview shows how white text looks on a background with the XYZ color 42.5174, 26.9505,

26.6280.

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

42.5174, 26.9505, 26.6280

Protanopia

26.7243, 27.1213, 39.9028

Deuteranopia

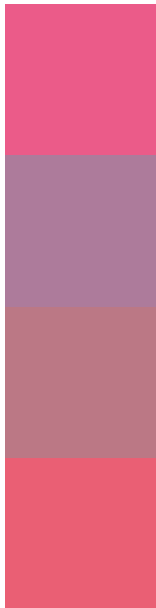
27.4721, 26.9766, 24.8782



Tritanopia

40.4706, 27.0585, 16.1865

Trichromacy



Original Color

42.5174, 26.9505, 26.6280

Protanomaly

30.2329, 25.4167, 34.3228

Deuteranomaly

31.4436, 25.6912, 25.4919

Tritanomaly

41.1763, 26.9378, 19.5523

Monochromacy



Original Color

42.5174, 26.9505, 26.6280

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

29.0025, 24.7527, 27.2939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5174, 26.9505, 26.6280 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(235, 91, 137)` looks like.

```
.text, #text, p{  
    color:rgb(235, 91, 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(235, 91, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 91, 137) }
```

Border

The CSS property to change the border of an element to XYZ 42.5174, 26.9505, 26.6280 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(235, 91, 137) }
```


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

```
.border{ border-color:rgb(235, 91, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 91, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 91, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 91, 137);  
box-shadow:4px 4px 4px 4px rgb(235, 91,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5174, 26.9505, 26.6280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 91, 137) }
```

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

```
.background{ background-color: rgb(235, 91,  
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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