

Converting Colors

XYZ(44.9661, 26.5341, 43.8259)

Have a look what the booklet for
XYZ(44.9661, 26.5341, 43.8259)
contains.

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Color

**XYZ(44.9661, 26.5341,
43.8259)**

Conversions

Conversions Part 1

Format	Color
Hex	EB50B0
RGB	235, 80, 176
RGB Percent	92%, 31%, 69%
CMY	0.0784, 0.6862, 0.3098
CMYK	0.00, 0.66, 0.25, 0.08
HSL	323°, 79%, 62%
HSV	323°, 66%, 92%
XYZ	44.9661, 26.5341, 43.8259
YIQ	137.2890, 61.5640, 62.7160

Conversions

Conversions Part 2

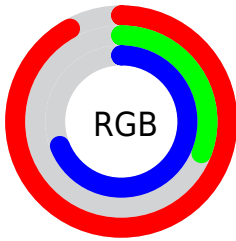
Format	Color
R _Y B	235, 80, 176
Decimal	15421616
CIE Lab	58.54, 68.30, -19.15
CIE LCh	59, 70.938, 344.339
Yxy	26.5341, 0.3899, 0.2301
Android (android.graphics.Color)	4293611696 (0xFFEB50B0)
YUV	137.2890, 19.0845, 85.6925
Hunter-Lab	51.5113, 65.6746, -14.3862

Details

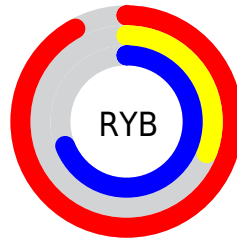
The XYZ color **44.9661, 26.5341, 43.8259** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **37.6783, 62.9871, 34.6013**, and the grayscale version is **23.8023, 25.0418, 27.2705**.

A 20% lighter version of the original color is **64.8940, 45.2632, 81.6603**, and **21.2543, 10.5440, 19.6539** is the 20% darker color. If you saturate the color by 10%, you get **42.6802, 23.3322, 38.8399**, and if you desaturate by 10%, it is **47.9134, 30.9648, 49.3206**.

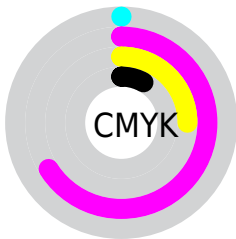
Distribution



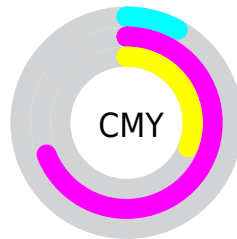
- Red (92%)
- Green (31%)
- Blue (69%)



- Red (92%)
- Yellow (31%)
- Blue (69%)



- Cyan (0%)
- Magenta (66%)
- Yellow (25%)
- Black (8%)



- Cyan (8%)
- Magenta (69%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.9661, 26.5341, 43.8259 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 44.9661, 26.5341, 43.8259 by changing the saturation by 10% instead.

44.9661, 26.5341,
43.8259

44.9661, 26.5341,
43.8259

357.4223,
285.3942, 378.0179

31.6319, 17.2236,
30.1975

81.9069, 54.1353,
82.2554

21.2347, 10.3941,
19.7352

106.2442, 73.1949,
107.8935

13.4091, 5.6610,
12.0205

134.9800, 96.2729,
138.3720

7.7898, 2.6401,
6.6350

168.4795,
123.7538, 174.1093

4.0114, 0.9468,
3.1599

207.1081,
156.0220, 215.5240

1.7086, 0.0000,
1.1769

251.2312,

0.4616, 0.0000,

193.4619, 263.0346

0.0000

301.2141,
236.4578, 317.0597

■ 0.0000, 0.0000,
0.0000

■ 44.9661, 26.5341,
43.8259

■ 44.9661, 26.5341,
43.8259

■ 42.6802, 23.3322,
38.8399

■ 47.9134, 30.9648,
49.3206

■ 40.9862, 21.2228,
34.3333

■ 51.5771, 36.7335,
55.3471


■ 39.8022, 20.0438,
30.2733


■ 56.0090, 43.9418,
61.9280

■ 39.4140, 19.7234,
28.7381


■ 61.2552, 52.6803,
69.0838

■ 67.3581, 63.0323,
76.8336

 74.3572, 75.0748,
85.1952

 82.2891, 88.8800,
94.1858

 86.8970, 95.9326,
102.3910

 88.0711, 96.4022,
108.5734

Harmonies

Analogous

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



38.7889, 26.5341, 78.3939



44.9661, 26.5341, 43.8259



45.1130, 26.5341, 18.5890

Triad

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



44.9661, 26.5341, 43.8259



21.3050, 26.5341, 2.9091



15.0596, 26.5341, 76.8842

Complementary

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



44.9661, 26.5341, 43.8259



37.6783, 62.9871, 34.6013

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.



12.2507, 26.5341, 42.4323



44.9661, 26.5341, 43.8259



15.2539, 26.5341, 6.4048

Square

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



44.9661, 26.5341, 43.8259



30.0035, 26.5341, 2.9714



12.3125, 26.5341, 17.8051



20.9738, 26.5341, 103.7756

Rectangle

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



44.9661, 26.5341, 43.8259



41.6807, 26.5341, 9.4352



12.3125, 26.5341, 17.8051



13.7883, 26.5341, 65.1517

Sweetspot

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



44.9669, 26.5355, 43.8264



77.9131, 70.4778, 88.5390



28.1549, 17.0416, 80.4030



16.2363, 14.3389, 18.3897



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.



44.9669, 26.5355, 43.8264



50.6059, 27.0837, 44.8459



39.4634, 24.3341, 14.8454



15.4577, 15.2109, 17.6954



21.9997, 11.0026, 16.3316



1.7741, 0.8826, 1.5279

Inverse Universe

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



44.9669, 26.5355, 43.8264



50.6059, 27.0837, 44.8459



45.1979, 65.9949, 74.1989



15.4577, 15.2109, 17.6954



21.9997, 11.0026, 16.3316



1.7741, 0.8826, 1.5279

Previews

White Background



This preview shows how the XYZ color 44.9661, 26.5341, 43.8259 looks on a white background.

Color Contrast Check

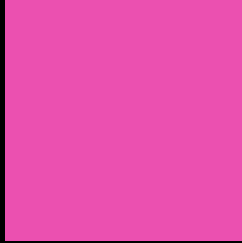
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.9661, 26.5341, 43.8259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

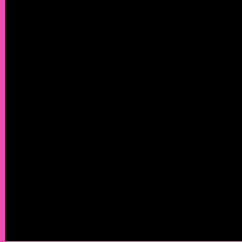
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.9661, 26.5341, 43.8259

Background



This preview shows how black text looks on a background with the XYZ color 44.9661, 26.5341, 43.8259.



This preview shows how white text looks on a background with the XYZ color 44.9661, 26.5341,

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

44.9661, 26.5341, 43.8259

Protanopia

28.8330, 27.0773, 71.4169

Deuteranopia

27.2189, 26.7178, 40.2817



Tritanopia

39.2306, 26.4133, 16.3952

Trichromacy



Original Color

44.9661, 26.5341, 43.8259



Protanomaly

31.2821, 24.4846, 60.2040



Deuteranomaly

31.5215, 24.8550, 41.1663



Tritanomaly

40.7928, 26.1098, 24.3624

Monochromacy



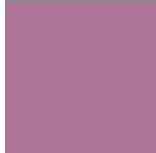
Original Color

44.9661, 26.5341, 43.8259



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

29.0649, 23.6094, 32.3033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9661, 26.5341, 43.8259 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, 80, 176)` looks like.

```
.text, #text, p{  
    color:rgb(235, 80, 176)  
}
```

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, 80, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 80, 176) }
```

Border

The CSS property to change the border of an element to XYZ 44.9661, 26.5341, 43.8259 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, 80, 176) }
```


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

```
.border{ border-color:rgb(235, 80, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 80, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 80, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 80, 176);  
box-shadow:4px 4px 4px 4px rgb(235, 80,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9661, 26.5341, 43.8259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 80, 176) }
```

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

```
.background{ background-color: rgb(235, 80,  
176) }
```

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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