

Converting Colors

XYZ(43.5354, 27.6898, 26.5465)

Have a look what the booklet for
XYZ(43.5354, 27.6898, 26.5465)
contains.

XYZ(43.6896, 27.8120, 26.7325)	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(43.6896, 27.8120,
26.7325)**

Conversions

Conversions Part 1

Format	Color
Hex	EE5D89
RGB	238, 93, 137
RGB Percent	93%, 36%, 54%
CMY	0.0667, 0.6353, 0.4627
CMYK	0.00, 0.61, 0.42, 0.07
HSL	342°, 81%, 65%
HSV	342°, 61%, 93%
XYZ	43.6896, 27.8120, 26.7325
YIQ	141.3710, 72.2960, 44.4240

Conversions

Conversions Part 2

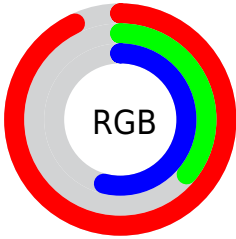
Format	Color
R _Y B	238, 93, 137
Decimal	15621513
CIE Lab	59.72, 59.50, 5.31
CIE LCh	60, 59.742, 5.104
Yxy	27.8120, 0.4447, 0.2831
Android (android.graphics.Color)	4293811593 (0xFFEE5D89)
YUV	141.3710, -2.1549, 84.7436
Hunter-Lab	52.7371, 55.5869, 6.8618

Details

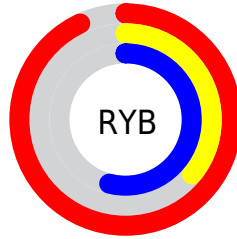
The XYZ color **43.6896, 27.8120, 26.7325** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **44.8280, 67.3719, 61.6849**, and the grayscale version is **25.4526, 26.7781, 29.1613**.

A 20% lighter version of the original color is **61.2817, 46.4726, 54.4554**, and **20.3417, 11.0152, 10.0708** is the 20% darker color. If you saturate the color by 10%, you get **40.8166, 23.8254, 20.3513**, and if you desaturate by 10%, it is **47.3966, 33.1742, 34.2937**.

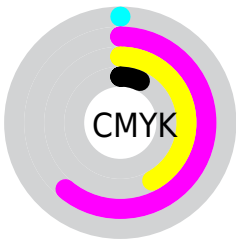
Distribution



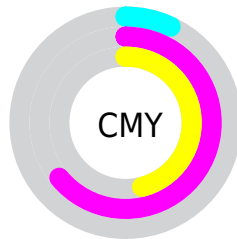
- Red (93%)
- Green (36%)
- Blue (54%)



- 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 43.6896, 27.8120, 26.7325 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 43.6896, 27.8120, 26.7325 by changing the saturation by 10% instead.


 43.6896, 27.8120,
26.7325


 43.6896, 27.8120,
26.7325


352.3138,
291.5675, 300.0787


 30.6234, 18.1840,
17.1418


 79.9997, 56.1842,
55.4528


 20.4627, 11.0822,
10.1726


 103.9743, 75.6971,
75.4195

 12.8420, 6.1221,
5.4064


 132.3158, 99.2738,
99.6819

 7.3961, 2.9195,
2.4248

 165.3896,
127.2986, 128.6586

 3.7596, 1.0898,
0.7999

203.5609,
160.1560, 162.7680

 1.5670, 0.0000,
0.0000

247.1951,

 0.3708, 0.0000,

198.2304, 202.4288

0.0000

296.6576,
241.9061, 248.0595

■ 0.0000, 0.0000,
0.0000

■ 43.6896, 27.8120,
26.7325

■ 43.6896, 27.8120,
26.7325

■ 40.8166, 23.8254,
20.3513

■ 47.3966, 33.1742,
34.2937

■ 38.7046, 21.0815,
15.0842

■ 51.9978, 40.0199,
43.0928

■ 37.2704, 19.4285,
10.8593

■ 57.5500, 48.4511,
53.1850

■ 36.4365, 18.6478,
7.8462

■ 64.1048, 58.5596,
64.6219

■ 71.7098, 70.4301,
77.4518

■ 80.4094, 84.1415,
91.7209

■ 88.7578, 96.7923,
106.9768

■ 89.0698, 96.9171,
108.6201

Harmonies

Analogous

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



41.9091, 27.8120, 51.3720



43.6896, 27.8120, 26.7325



40.1777, 27.8120, 12.1147

Triad

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



43.6896, 27.8120, 26.7325



18.9346, 27.8120, 7.4151



20.7823, 27.8120, 85.8122

Complementary

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



43.6896, 27.8120, 26.7325



44.8280, 67.3719, 61.6849

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.



16.2482, 27.8120, 61.0334



43.6896, 27.8120, 26.7325



15.3324, 27.8120, 15.9362

Square

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



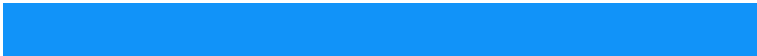
43.6896, 27.8120, 26.7325



25.1640, 27.8120, 4.8804



14.4516, 27.8120, 34.1337



27.7471, 27.8120, 93.4334

Rectangle

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



43.6896, 27.8120, 26.7325



35.6391, 27.8120, 7.3813



14.4516, 27.8120, 34.1337



18.9692, 27.8120, 78.7805

Sweetspot

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



43.6903, 27.8135, 26.7330



77.3879, 72.2392, 79.6956



41.1077, 25.2209, 83.5903



16.0363, 14.6416, 16.1573



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.



43.6903, 27.8135, 26.7330



47.0817, 26.9869, 22.2403



43.9033, 32.3022, 14.2789



15.9702, 15.8378, 17.3994



20.3781, 10.4237, 4.6418



1.7378, 0.8842, 0.6103

Inverse Universe

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



43.6903, 27.8135, 26.7330



47.0817, 26.9869, 22.2403



43.3459, 55.2972, 89.2776



15.9702, 15.8378, 17.3994



20.3781, 10.4237, 4.6418



1.7378, 0.8842, 0.6103

Previews

White Background



This preview shows how the XYZ color 43.6896, 27.8120, 26.7325 looks on a white background.

Color Contrast Check

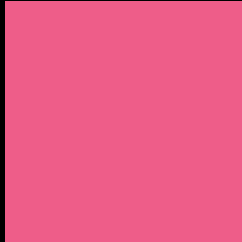
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.6896, 27.8120, 26.7325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

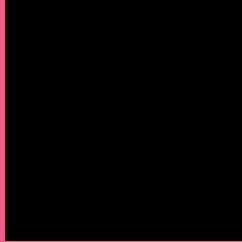
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.6896, 27.8120, 26.7325

Background



This preview shows how black text looks on a background with the XYZ color 43.6896, 27.8120, 26.7325.



This preview shows how white text looks on a background with the XYZ color 43.6896, 27.8120,

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

43.6896, 27.8120, 26.7325

Protanopia

27.5206, 27.9735, 40.0253

Deuteranopia

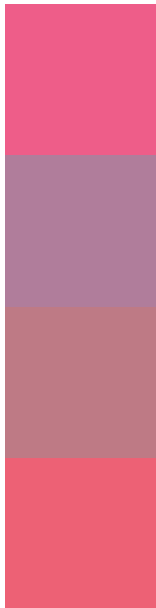
28.3661, 27.8635, 25.0022



Tritanopia

41.6554, 27.7972, 16.8056

Trichromacy



Original Color

43.6896, 27.8120, 26.7325

Protanomaly

31.1545, 26.2639, 34.4378

Deuteranomaly

32.4284, 26.5597, 25.6077

Tritanomaly

42.4106, 27.8383, 19.9677

Monochromacy



Original Color

43.6896, 27.8120, 26.7325

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

29.8458, 25.5389, 28.1674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6896, 27.8120, 26.7325 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(238, 93, 137)` looks like.

```
.text, #text, p{  
  color:rgb(238, 93, 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(238, 93, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 93, 137) }
```

Border

The CSS property to change the border of an element to XYZ 43.6896, 27.8120, 26.7325 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(238, 93, 137) }
```


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

```
.border{ border-color:rgb(238, 93, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 93, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 93, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 93, 137); box-shadow:4px 4px 4px 4px rgb(238, 93, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6896, 27.8120, 26.7325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 93, 137) }
```

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

```
.background{ background-color: rgb(238, 93,  
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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