

Converting Colors

XYZ(41.9361, 29.5452, 28.0153)

Have a look what the booklet for
XYZ(41.9361, 29.5452, 28.0153)
contains.

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Color

**XYZ(42.0232, 29.5639,
27.9176)**

Conversions

Conversions Part 1

Format	Color
Hex	E36F8B
RGB	227, 111, 139
RGB Percent	89%, 44%, 55%
CMY	0.1098, 0.5647, 0.4549
CMYK	0.00, 0.51, 0.39, 0.11
HSL	346°, 67%, 66%
HSV	346°, 51%, 89%
XYZ	42.0232, 29.5639, 27.9176
YIQ	148.8760, 60.1480, 33.3000

Conversions

Conversions Part 2

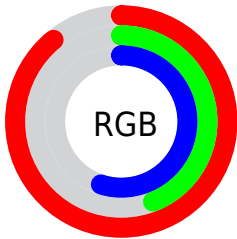
Format	Color
R_{YB}	227, 111, 139
Decimal	14905227
CIE _{Lab}	61.28, 47.82, 6.18
CIE _{LCh}	61, 48.219, 7.359
Yxy	29.5639, 0.4223, 0.2971
Android (android.graphics.Color)	4293095307 (0xFFE36F8B)
YUV	148.8760, -4.8689, 68.5147
Hunter-Lab	54.3727, 42.8057, 7.6185

Details

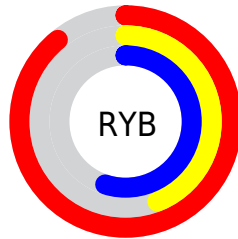
The XYZ color **42.0232, 29.5639, 27.9176** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **44.3350, 62.4419, 63.7525**, and the grayscale version is **28.5180, 30.0032, 32.6735**.

A 20% lighter version of the original color is **64.3906, 52.3382, 56.5777**, and **19.4647, 12.0722, 10.7555** is the 20% darker color. If you saturate the color by 10%, you get **38.6927, 24.7605, 21.0806**, and if you desaturate by 10%, it is **46.1828, 35.7081, 36.0095**.

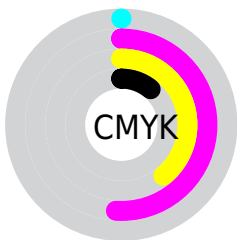
Distribution



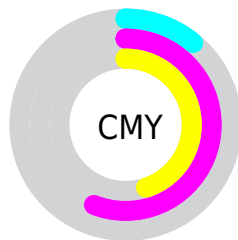
- Red (89%)
- Green (44%)
- Blue (55%)



- Red (89%)
- Yellow (44%)
- Blue (55%)



- Cyan (0%)
- Magenta (51%)
- Yellow (39%)
- Black (11%)





- Cyan (11%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0232, 29.5639, 27.9176 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 42.0232, 29.5639, 27.9176 by changing the saturation by 10% instead.


 42.0232, 29.5639,
27.9176


 42.0232, 29.5639,
27.9176


345.5691,
299.8664, 305.9725


 29.3106, 19.5078,
18.0251


 77.4997, 58.9718,
57.3744


 19.4614, 12.0378,
10.7983

 100.9943, 79.0925,
77.7757

 12.1101, 6.7694,
5.8189


 128.8137,
103.3367, 102.5170

 6.8915, 3.3183,
2.6683

 161.3232,
132.0890, 132.0169

 3.4400, 1.3001,
0.9274

198.8881,
165.7337, 166.6938

 1.3905, 0.1413,
0.0000

241.8738,

 0.2495, 0.0000,

204.6553, 206.9664

0.0000

290.6457,
249.2380, 253.2531

■ 0.0000, 0.0000,
0.0000

■ 42.0232, 29.5639,
27.9176

■ 42.0232, 29.5639,
27.9176

■ 38.6927, 24.7605,
21.0806

■ 46.1828, 35.7081,
36.0095

■ 36.1310, 21.1924,
15.4319

■ 51.2213, 43.2790,
45.4148

■ 34.2731, 18.7455,
10.9008

■ 57.1873, 52.3609,
56.1900

■ 33.0415, 17.2822,
7.4076

■ 64.1251, 63.0300,
68.3880

■ 32.3629, 16.6046,
5.0866

■ 72.0761, 75.3574,
82.0585

■ 81.0793, 89.4098,
97.2492

■ 85.4885, 95.0709,
108.4525

Harmonies

Analogous

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



40.9344, 29.5639, 47.6052



42.0232, 29.5639, 27.9176



38.9583, 29.5639, 15.2988

Triad

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



42.0232, 29.5639, 27.9176



21.3259, 29.5639, 11.6354



23.6588, 29.5639, 76.4201

Complementary

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



42.0232, 29.5639, 27.9176



44.3350, 62.4419, 63.7525

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.



19.4731, 29.5639, 58.3963



42.0232, 29.5639, 27.9176



18.2745, 29.5639, 20.5236

Square

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



42.0232, 29.5639, 27.9176



26.5652, 29.5639, 8.4810



17.6512, 29.5639, 36.8776



29.6919, 29.5639, 80.7811

Rectangle

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



42.0232, 29.5639, 27.9176



35.2090, 29.5639, 10.8179



17.6512, 29.5639, 36.8776



22.0181, 29.5639, 71.4999

Sweetspot

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



42.0240, 29.5654, 27.9181



79.7133, 76.2469, 82.4538



42.8395, 28.9225, 75.9977



16.6522, 15.6900, 16.9280



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.



42.0240, 29.5654, 27.9181



50.2592, 32.0750, 27.2054



43.9270, 36.2365, 19.7201



14.5189, 14.4247, 15.6668



18.9125, 9.6992, 3.1684



1.4335, 0.7311, 0.4234

Inverse Universe

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



42.0240, 29.5654, 27.9181



50.2592, 32.0750, 27.2054



40.6160, 49.3150, 80.0510



14.5189, 14.4247, 15.6668



18.9125, 9.6992, 3.1684



1.4335, 0.7311, 0.4234

Previews

White Background



This preview shows how the XYZ color 42.0232, 29.5639, 27.9176 looks on a white background.

Color Contrast Check

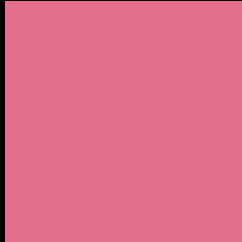
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.0232, 29.5639, 27.9176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

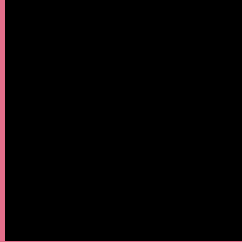
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 42.0232, 29.5639, 27.9176

Background



This preview shows how black text looks on a background with the XYZ color 42.0232, 29.5639, 27.9176.



This preview shows how white text looks on a background with the XYZ color 42.0232, 29.5639,

27.9176.

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

42.0232, 29.5639, 27.9176

Protanopia

28.9916, 29.7014, 37.4626

Deuteranopia

30.2740, 29.6910, 26.6896



Tritanopia

40.8942, 29.6085, 21.9720

Trichromacy



Original Color

42.0232, 29.5639, 27.9176

Protanomaly

32.3241, 28.6643, 33.5349

Deuteranomaly

33.5465, 28.8290, 27.0890

Tritanomaly

41.1654, 29.5375, 23.9537

Monochromacy



Original Color

42.0232, 29.5639, 27.9176

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

31.9063, 28.7194, 30.6498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0232, 29.5639, 27.9176 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(227, 111, 139)` looks like.

```
.text, #text, p{  
    color:rgb(227, 111, 139)  
}
```

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(227, 111, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 111, 139) }
```

Border

The CSS property to change the border of an element to XYZ 42.0232, 29.5639, 27.9176 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(227, 111, 139) }
```


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

```
.border{ border-color:rgb(227, 111, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 111, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 111, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 111, 139);  
box-shadow:4px 4px 4px 4px rgb(227, 111,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0232, 29.5639, 27.9176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 111, 139) }
```

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

```
.background{ background-color: rgb(227,  
111, 139) }
```

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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