

Converting Colors

XYZ(42.5295, 29.1026, 24.8485)

Have a look what the booklet for
XYZ(42.5295, 29.1026, 24.8485)
contains.

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Color

**XYZ(42.5295, 29.1026,
24.8485)**

Conversions

Conversions Part 1

Format	Color
Hex	E86A83
RGB	232, 106, 131
RGB Percent	91%, 42%, 51%
CMY	0.0902, 0.5843, 0.4863
CMYK	0.00, 0.54, 0.44, 0.09
HSL	348°, 73%, 66%
HSV	348°, 54%, 91%
XYZ	42.5295, 29.1026, 24.8485
YIQ	146.5240, 67.0710, 34.4870

Conversions

Conversions Part 2

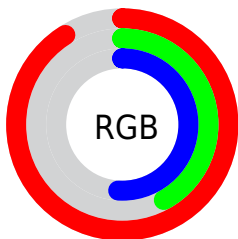
Format	Color
R_{YB}	232, 106, 131
Decimal	15231619
CIE Lab	60.87, 51.09, 10.32
CIE LCh	61, 52.118, 11.418
Yxy	29.1026, 0.4408, 0.3016
Android (android.graphics.Color)	4293421699 (0xFFE86A83)
YUV	146.5240, -7.6533, 74.9625
Hunter-Lab	53.9468, 46.3153, 10.4532

Details

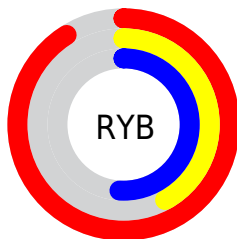
The XYZ color **42.5295, 29.1026, 24.8485** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **46.0647, 65.2831, 69.2089**, and the grayscale version is **27.5490, 28.9837, 31.5633**.

A 20% lighter version of the original color is **62.6366, 50.2104, 51.7377**, and **19.7201, 11.7475, 9.2108** is the 20% darker color. If you saturate the color by 10%, you get **39.3043, 24.4917, 18.1029**, and if you desaturate by 10%, it is **46.6290, 35.1001, 33.0023**.

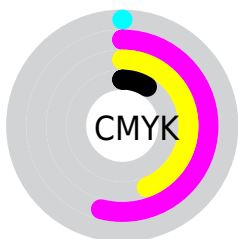
Distribution



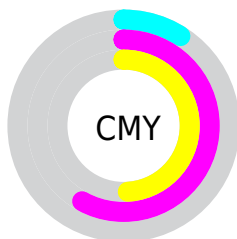
- Red (91%)
- Green (42%)
- Blue (51%)



- Red (91%)
- Yellow (42%)
- Blue (51%)



- Cyan (0%)
- Magenta (54%)
- Yellow (44%)
- Black (9%)





- Cyan (9%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5295, 29.1026, 24.8485 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 42.5295, 29.1026, 24.8485 by changing the saturation by 10% instead.


 42.5295, 29.1026,
24.8485


 42.5295, 29.1026,
24.8485


347.6276,
297.6987, 290.5061

 29.7090, 19.1584,
15.7462


 78.2605, 58.2401,
52.3724


 19.7648, 11.7848,
9.1923


 101.9018, 78.2022,
71.6311

 12.3315, 6.5973,
4.7683


 129.8807,
102.2724, 95.1124

 7.0437, 3.2116,
2.0556

 162.5627,
130.8351, 123.2348

 3.5360, 1.2432,
0.5892

200.3130,
164.2747, 156.4168

 1.4431, 0.0965,
0.0000

243.4970,

 0.2866, 0.0000,

202.9755, 195.0770

0.0000

292.4801,
247.3221, 239.6339

■ 0.0000, 0.0000,
0.0000

■ 42.5295, 29.1026,
24.8485

■ 42.5295, 29.1026,
24.8485

■ 39.3043, 24.4917,
18.1029

■ 46.6290, 35.1001,
33.0023

■ 36.8857, 21.1512,
12.6824

■ 51.6594, 42.5793,
42.6376

■ 35.1991, 18.9532,
8.4970

■ 57.6748, 51.6318,
53.8244

■ 34.1541, 17.7405,
5.4441

■ 64.7247, 62.3408,
66.6276

■ 33.7722, 17.3532,
4.1565

■ 72.8551, 74.7836,
81.1085

■ 82.1093, 89.0324,
97.3251

■ 87.0887, 95.8958,
108.5274

Harmonies

Analogous

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



41.9697, 29.1026, 45.1548



42.5295, 29.1026, 24.8485



38.6493, 29.1026, 12.8332

Triad

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



42.5295, 29.1026, 24.8485



19.8935, 29.1026, 11.1089



23.7068, 29.1026, 81.9689

Complementary

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



42.5295, 29.1026, 24.8485



46.0647, 65.2831, 69.2089

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.



18.9821, 29.1026, 63.4090



42.5295, 29.1026, 24.8485



17.0418, 29.1026, 21.2060

Square

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



42.5295, 29.1026, 24.8485



25.1568, 29.1026, 7.3547



16.7380, 29.1026, 39.6793



30.3265, 29.1026, 84.2681

Rectangle

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



42.5295, 29.1026, 24.8485



34.3874, 29.1026, 8.8920



16.7380, 29.1026, 39.6793



21.8747, 29.1026, 77.1541

Sweetspot

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



42.5303, 29.1041, 24.8490



78.5614, 74.7441, 79.6001



45.3970, 29.3726, 79.6206



16.4158, 15.3902, 16.3152



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.



42.5303, 29.1041, 24.8490



48.3541, 29.8548, 21.6685



45.8244, 38.0841, 18.5735



14.4933, 14.4145, 15.5320



18.7845, 9.6480, 2.4943



1.4207, 0.7260, 0.3558

Inverse Universe

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



42.5303, 29.1041, 24.8490



48.3541, 29.8548, 21.6685



39.8470, 47.5645, 83.4245



14.4933, 14.4145, 15.5320



18.7845, 9.6480, 2.4943



1.4207, 0.7260, 0.3558

Previews

White Background



This preview shows how the XYZ color 42.5295, 29.1026, 24.8485 looks on a white background.

Color Contrast Check

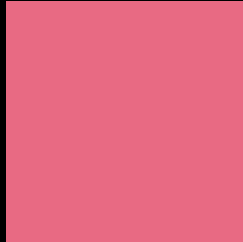
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.5295, 29.1026, 24.8485 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 42.5295, 29.1026, 24.8485

Background



This preview shows how black text looks on a background with the XYZ color 42.5295, 29.1026, 24.8485.



This preview shows how white text looks on a background with the XYZ color 42.5295, 29.1026,

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

42.5295, 29.1026, 24.8485

Protanopia

28.2414, 29.1536, 34.2757

Deuteranopia

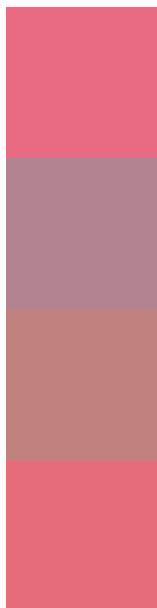
29.7369, 29.2617, 23.4828



Tritanopia

41.5760, 29.1872, 19.9654

Trichromacy



Original Color

42.5295, 29.1026, 24.8485

Protanomaly

31.8175, 27.8606, 30.4887

Deuteranomaly

33.4192, 28.4393, 23.8066

Tritanomaly

41.7687, 29.0945, 21.5035

Monochromacy



Original Color

42.5295, 29.1026, 24.8485

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

31.4191, 27.8906, 28.9268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5295, 29.1026, 24.8485 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(232, 106, 131)` looks like.

```
.text, #text, p{  
    color:rgb(232, 106, 131)  
}
```

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(232, 106, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 106, 131) }
```

Border

The CSS property to change the border of an element to XYZ 42.5295, 29.1026, 24.8485 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(232, 106, 131) }
```


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

```
.border{ border-color:rgb(232, 106, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 106, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 106, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 106, 131);  
box-shadow:4px 4px 4px 4px rgb(232, 106,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5295, 29.1026, 24.8485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 106, 131) }
```

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

```
.background{ background-color: rgb(232,  
106, 131) }
```

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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