

Converting Colors

XYZ(42.6571, 29.1068, 25.3435)

Have a look what the booklet for
XYZ(42.6571, 29.1068, 25.3435)
contains.

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Color

**XYZ(42.5976, 29.1298,
25.2073)**

Conversions

Conversions Part 1

Format	Color
Hex	E86A84
RGB	232, 106, 132
RGB Percent	91%, 42%, 52%
CMY	0.0902, 0.5843, 0.4823
CMYK	0.00, 0.54, 0.43, 0.09
HSL	348°, 73%, 66%
HSV	348°, 54%, 91%
XYZ	42.5976, 29.1298, 25.2073
YIQ	146.6380, 66.7500, 34.7980

Conversions

Conversions Part 2

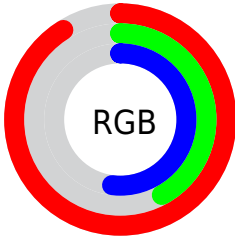
Format	Color
R_{YB}	232, 106, 132
Decimal	15231620
CIE _{Lab}	60.90, 51.19, 9.77
CIE _{LCh}	61, 52.112, 10.810
Yxy	29.1298, 0.4394, 0.3005
Android (android.graphics.Color)	4293421700 (0xFFE86A84)
YUV	146.6380, -7.2165, 74.8625
Hunter-Lab	53.9720, 46.4307, 10.0894

Details

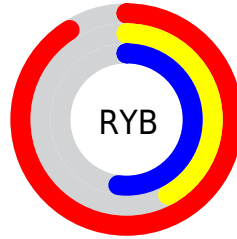
The XYZ color **42.5976, 29.1298, 25.2073** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **45.9426, 65.2343, 68.5666**, and the grayscale version is **27.5943, 29.0313, 31.6151**.

A 20% lighter version of the original color is **62.7418, 50.2525, 52.2918**, and **19.7584, 11.7628, 9.4127** is the 20% darker color. If you saturate the color by 10%, you get **39.3710, 24.5184, 18.4541**, and if you desaturate by 10%, it is **46.6947, 35.1264, 33.3484**.

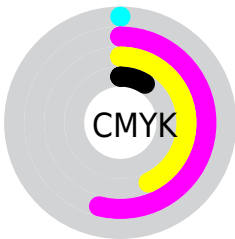
Distribution



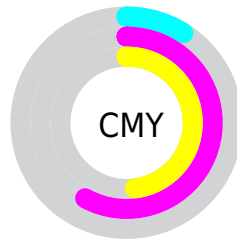
- Red (91%)
- Green (42%)
- Blue (52%)



- Red (91%)
- Yellow (42%)
- Blue (52%)



- Cyan (0%)
- Magenta (54%)
- Yellow (43%)
- Black (9%)



- Cyan (9%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5976, 29.1298, 25.2073 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 42.5976, 29.1298, 25.2073 by changing the saturation by 10% instead.


 42.5976, 29.1298,
25.2073


 42.5976, 29.1298,
25.2073


347.9039,
297.8269, 292.3494


 29.7627, 19.1790,
16.0111


 78.3628, 58.2832,
52.9616


 19.8057, 11.7997,
9.3776


 102.0237, 78.2547,
72.3568

 12.3613, 6.6074,
4.8881


 130.0241,
102.3352, 95.9889

 7.0642, 3.2178,
2.1242

 162.7291,
130.9091, 124.2762

 3.5490, 1.2465,
0.6301

200.5043,
164.3609, 157.6373

 1.4503, 0.0992,
0.0000

243.7149,

 0.2916, 0.0000,

203.0748, 196.4909

0.0000

292.7263,
247.4354, 241.2554

■ 0.0000, 0.0000,
0.0000

■ 42.5976, 29.1298,
25.2073

■ 42.5976, 29.1298,
25.2073

■ 39.3710, 24.5184,
18.4541

■ 46.6947, 35.1264,
33.3484

■ 36.9475, 21.1759,
13.0079

■ 51.7184, 42.6028,
42.9488

■ 35.2530, 18.9748,
8.7813

■ 57.7226, 51.6509,
54.0768

■ 34.1978, 17.7580,
5.6746

■ 64.7565, 62.3535,
66.7956

■ 33.8094, 17.3681,
4.3520

■ 72.8658, 74.7877,
81.1650

■ 82.0934, 89.0259,
97.2417

■ 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.



41.9427, 29.1298, 45.6681



42.5976, 29.1298, 25.2073



38.7943, 29.1298, 13.0155

Triad

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



42.5976, 29.1298, 25.2073



19.9991, 29.1298, 10.9959



23.6124, 29.1298, 81.7751

Complementary

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



42.5976, 29.1298, 25.2073



45.9426, 65.2343, 68.5666

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.



18.9322, 29.1298, 62.9776



42.5976, 29.1298, 25.2073



17.0941, 29.1298, 20.9435

Square

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



42.5976, 29.1298, 25.2073



25.3093, 29.1298, 7.3386



16.7385, 29.1298, 39.2617



30.2092, 29.1298, 84.4639

Rectangle

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



42.5976, 29.1298, 25.2073



34.5570, 29.1298, 8.9888



16.7385, 29.1298, 39.2617



21.7937, 29.1298, 76.8543

Sweetspot

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



42.5984, 29.1313, 25.2078



78.6050, 74.7615, 79.8294



44.8148, 29.0725, 79.5934



16.4260, 15.3943, 16.3693



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.



42.5984, 29.1313, 25.2078



48.4364, 29.8877, 22.1016



45.5098, 37.4549, 18.4686



14.4980, 14.4164, 15.5569



18.8062, 9.6567, 2.6087



1.4229, 0.7269, 0.3676

Inverse Universe

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



42.5984, 29.1313, 25.2078



48.4364, 29.8877, 22.1016



40.3183, 48.5070, 83.5816



14.4980, 14.4164, 15.5569



18.8062, 9.6567, 2.6087



1.4229, 0.7269, 0.3676

Previews

White Background



This preview shows how the XYZ color 42.5976, 29.1298, 25.2073 looks on a white background.

Color Contrast Check

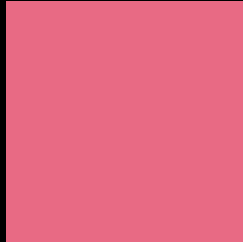
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.5976, 29.1298, 25.2073 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 42.5976, 29.1298, 25.2073

Background



This preview shows how black text looks on a background with the XYZ color 42.5976, 29.1298, 25.2073.



This preview shows how white text looks on a background with the XYZ color 42.5976, 29.1298,

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

42.5976, 29.1298, 25.2073

Protanopia

28.4792, 29.4964, 34.7642

Deuteranopia

29.8011, 29.2874, 23.8210



Tritanopia

41.5760, 29.1872, 19.9654

Trichromacy



Original Color

42.5976, 29.1298, 25.2073

Protanomaly

32.0300, 28.1616, 30.9417

Deuteranomaly

33.4848, 28.4655, 24.1516

Tritanomaly

41.8304, 29.1192, 21.8282

Monochromacy



Original Color

42.5976, 29.1298, 25.2073

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

31.4938, 27.9205, 29.3205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5976, 29.1298, 25.2073 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, 132)` looks like.

```
.text, #text, p{  
    color:rgb(232, 106, 132)  
}
```

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, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 106, 132) }
```

Border

The CSS property to change the border of an element to XYZ 42.5976, 29.1298, 25.2073 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, 132) }
```


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

```
.border{ border-color:rgb(232, 106, 132) }
```

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, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 106, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 106, 132);  
box-shadow:4px 4px 4px 4px rgb(232, 106,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5976, 29.1298, 25.2073 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, 132) }
```

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

```
.background{ background-color: rgb(232,  
106, 132) }
```

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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