

Converting Colors

XYZ(43.8497, 28.1233, 21.0654)

Have a look what the booklet for
XYZ(43.8497, 28.1233, 21.0654)
contains.

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Color

**XYZ(43.7295, 28.0867,
21.2056)**

Conversions

Conversions Part 1

Format	Color
Hex	F15E79
RGB	241, 94, 121
RGB Percent	95%, 37%, 47%
CMY	0.0549, 0.6313, 0.5255
CMYK	0.00, 0.61, 0.50, 0.05
HSL	349°, 84%, 66%
HSV	349°, 61%, 95%
XYZ	43.7295, 28.0867, 21.2056
YIQ	141.0310, 78.9450, 39.5610

Conversions

Conversions Part 2

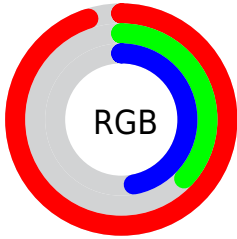
Format	Color
R_{YB}	241, 94, 121
Decimal	15818361
CIE _{Lab}	59.97, 58.55, 15.05
CIE _{LCh}	60, 60.454, 14.414
Yxy	28.0867, 0.4701, 0.3019
Android (android.graphics.Color)	4294008441 (0xFFFF15E79)
YUV	141.0310, -9.8753, 87.6728
Hunter-Lab	52.9969, 54.5418, 13.3742

Details

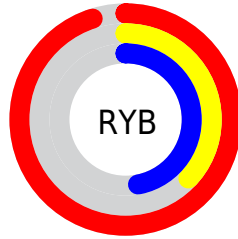
The XYZ color **43.7295, 28.0867, 21.2056** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **48.2108, 70.1459, 74.6224**, and the grayscale version is **25.3467, 26.6667, 29.0400**.

A 20% lighter version of the original color is **59.6892, 46.0898, 45.2854**, and **20.5688, 11.2721, 7.3950** is the 20% darker color. If you saturate the color by 10%, you get **40.8249, 24.0157, 14.8796**, and if you desaturate by 10%, it is **47.5503, 33.5967, 29.0514**.

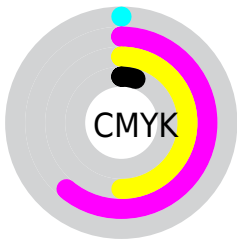
Distribution



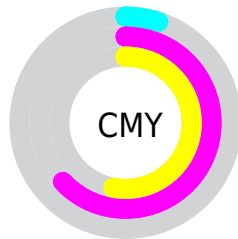
- Red (95%)
- Green (37%)
- Blue (47%)



- Red (95%)
- Yellow (37%)
- Blue (47%)



- Cyan (0%)
- Magenta (61%)
- Yellow (50%)
- Black (5%)





- Cyan (5%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7295, 28.0867, 21.2056 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 43.7295, 28.0867, 21.2056 by changing the saturation by 10% instead.


 43.7295, 28.0867,
21.2056


 43.7295, 28.0867,
21.2056

352.4742,
292.8810, 271.1860


 30.6549, 18.3910,
13.0817


 80.0594, 56.6228,
46.3147


 20.4867, 11.2311,
7.3534


 104.0455, 76.2321,
64.1369

 12.8597, 6.2225,
3.6023


 132.3994, 99.9146,
86.0290

 7.4083, 2.9808,
1.4098

 165.4865,
128.0549, 112.4095

 3.7673, 1.1217,
0.1494

203.6722,
161.0373, 143.6968

 1.5714, 0.0000,
0.0000

247.3218,

 0.3736, 0.0000,

199.2462, 180.3097

0.0000

296.8007,
243.0659, 222.6666

■ 0.0000, 0.0000,
0.0000

■ 43.7295, 28.0867,
21.2056

■ 43.7295, 28.0867,
21.2056

■ 40.8249, 24.0157,
14.8796

■ 47.5503, 33.5967,
29.0514

■ 38.7548, 21.2437,
9.9711

■ 52.3554, 40.6593,
38.5069

■ 37.4257, 19.6110,
6.3669

■ 58.2086, 49.3819,
49.6567

■ 36.7349, 18.8844,
4.1169

■ 65.1678, 59.8611,
62.5789

■ 73.2865, 72.1861,
77.3465

■ 82.6147, 86.4398,
94.0288

■ 90.0855, 97.4407,
108.6677

Harmonies

Analogous

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



43.6207, 28.0867, 43.4291



43.7295, 28.0867, 21.2056



38.7114, 28.0867, 9.4885

Triad

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



43.7295, 28.0867, 21.2056



17.6273, 28.0867, 9.2103



22.9165, 28.0867, 92.1920

Complementary

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



43.7295, 28.0867, 21.2056



48.2108, 70.1459, 74.6224

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.



17.4655, 28.0867, 70.8200



43.7295, 28.0867, 21.2056



14.8360, 28.0867, 20.5564

Square

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



43.7295, 28.0867, 21.2056



23.1816, 28.0867, 5.1708



14.7831, 28.0867, 42.3798



30.5478, 28.0867, 92.6610

Rectangle

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



43.7295, 28.0867, 21.2056



33.6039, 28.0867, 6.0818



14.7831, 28.0867, 42.3798



20.8055, 28.0867, 86.8811

Sweetspot

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



43.7302, 28.0882, 21.2061



76.6583, 71.9473, 75.8535



46.9173, 28.2958, 86.2075



15.8610, 14.5714, 15.2339



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.



43.7302, 28.0882, 21.2061



45.8087, 26.4777, 15.5367



47.4000, 37.7165, 15.3736



15.8913, 15.8062, 16.9840



19.9561, 10.2549, 2.4194



1.6929, 0.8662, 0.3738

Inverse Universe

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



43.7302, 28.0882, 21.2061



45.8087, 26.4777, 15.5367



40.4383, 48.6192, 90.4718



15.8913, 15.8062, 16.9840



19.9561, 10.2549, 2.4194



1.6929, 0.8662, 0.3738

Previews

White Background



This preview shows how the XYZ color 43.7295, 28.0867, 21.2056 looks on a white background.

Color Contrast Check

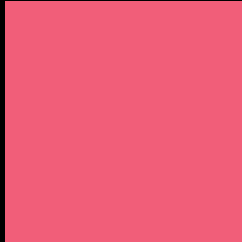
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.7295, 28.0867, 21.2056 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 43.7295, 28.0867, 21.2056

Background



This preview shows how black text looks on a background with the XYZ color 43.7295, 28.0867, 21.2056.

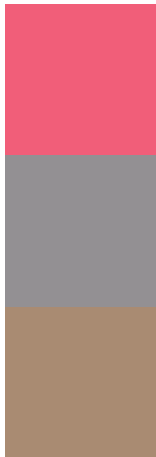


This preview shows how white text looks on a background with the XYZ color 43.7295, 28.0867,

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

43.7295, 28.0867, 21.2056

Protanopia

27.2723, 28.2561, 31.6203

Deuteranopia

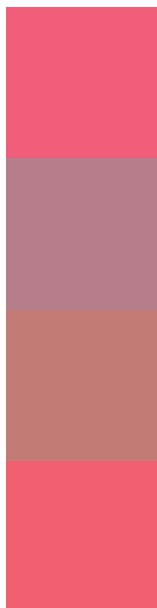
28.6321, 28.1152, 19.8373



Tritanopia

42.6581, 28.0539, 15.9986

Trichromacy



Original Color

43.7295, 28.0867, 21.2056

Protanomaly

31.1044, 26.5804, 27.5359

Deuteranomaly

32.7995, 27.0524, 20.3225

Tritanomaly

42.9325, 28.0168, 17.8968

Monochromacy



Original Color

43.7295, 28.0867, 21.2056

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

29.6422, 25.4836, 25.9108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7295, 28.0867, 21.2056 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(241, 94, 121)` looks like.

```
.text, #text, p{  
    color:rgb(241, 94, 121)  
}
```

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(241, 94, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 94, 121) }
```

Border

The CSS property to change the border of an element to XYZ 43.7295, 28.0867, 21.2056 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(241, 94, 121) }
```


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

```
.border{ border-color:rgb(241, 94, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 94, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 94, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 94, 121);  
box-shadow:4px 4px 4px 4px rgb(241, 94,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7295, 28.0867, 21.2056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 94, 121) }
```

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

```
.background{ background-color: rgb(241, 94,  
121) }
```

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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