

Converting Colors

XYZ(41.4894, 25.1069, 20.9824)

Have a look what the booklet for
XYZ(41.4894, 25.1069, 20.9824)
contains.

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Color

**XYZ(41.5687, 25.1742,
21.0806)**

Conversions

Conversions Part 1

Format	Color
Hex	EE4F7A
RGB	238, 79, 122
RGB Percent	93%, 31%, 48%
CMY	0.0667, 0.6902, 0.5216
CMYK	0.00, 0.67, 0.49, 0.07
HSL	344°, 82%, 62%
HSV	344°, 67%, 93%
XYZ	41.5687, 25.1742, 21.0806
YIQ	131.4430, 80.9610, 47.0810

Conversions

Conversions Part 2

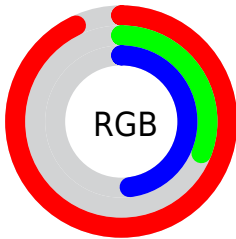
Format	Color
R_{YB}	238, 79, 122
Decimal	15617914
CIE _{Lab}	57.24, 63.82, 10.58
CIE _{LCh}	57, 64.691, 9.415
Yxy	25.1742, 0.4733, 0.2866
Android (android.graphics.Color)	4293807994 (0xFFEE4F7A)
YUV	131.4430, -4.6554, 93.4505
Hunter-Lab	50.1739, 60.0816, 10.2110

Details

The XYZ color **41.5687, 25.1742, 21.0806** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **43.6510, 66.7521, 62.2186**, and the grayscale version is **21.7290, 22.8606, 24.8952**.

A 20% lighter version of the original color is **57.8256, 42.2073, 45.1435**, and **19.1405, 9.7245, 7.3468** is the 20% darker color. If you saturate the color by 10%, you get **39.1671, 21.9419, 15.4377**, and if you desaturate by 10%, it is **44.7780, 29.7145, 27.9416**.

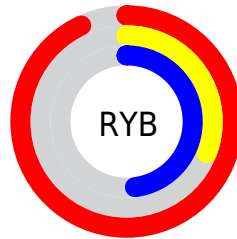
Distribution



Red (93%)

Green (31%)

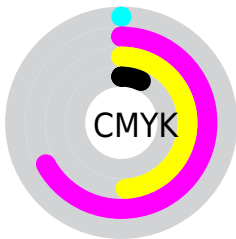
Blue (48%)



Red (93%)

Yellow (31%)

Blue (48%)

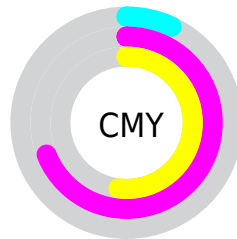


Cyan (0%)

Magenta (67%)

Yellow (49%)

Black (7%)



Cyan (7%)


Magenta (69%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5687, 25.1742, 21.0806 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 41.5687, 25.1742, 21.0806 by changing the saturation by 10% instead.


 41.5687, 25.1742,
21.0806


 41.5687, 25.1742,
21.0806


343.7140,
278.7044, 270.5016


 28.9534, 16.2069,
12.9911


 76.8157, 51.9397,
46.1042


 19.1896, 9.6707,
7.2918


 100.1781, 70.5066,
63.8753

 11.9122, 5.1812,
3.5640


 127.8535, 93.0423,
85.7108

 6.7557, 2.3539,
1.3894

 160.2074,
119.9310, 112.0291

 3.3548, 0.8020,
0.1334

197.6050,
151.5571, 143.2488

 1.3440, 0.0000,
0.0000

240.4118,

 0.2158, 0.0000,

188.3052, 179.7884

0.0000

288.9930,
230.5594, 222.0665

■ 0.0000, 0.0000,
0.0000

■ 41.5687, 25.1742,
21.0806

■ 41.5687, 25.1742,
21.0806

■ 39.1671, 21.9419,
15.4377

■ 44.7780, 29.7145,
27.9416

■ 37.4920, 19.8712,
10.9346

■ 48.8616, 35.6803,
36.0891


■ 36.4449, 18.7833,
7.4837


■ 53.8807, 43.1804,
45.5873


■ 36.1953, 18.5513,
6.5767

■ 59.8909, 52.3120,
56.4958

■ 66.9427, 63.1643,
68.8703

 75.0837, 75.8197,
82.7637

 84.3580, 90.3557,
98.2258

 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.



40.5071, 25.1742, 45.0486



41.5687, 25.1742, 21.0806



37.1844, 25.1742, 8.4203

Triad

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



41.5687, 25.1742, 21.0806



15.7506, 25.1742, 6.0471



19.1195, 25.1742, 88.7800

Complementary

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



41.5687, 25.1742, 21.0806



43.6510, 66.7521, 62.2186

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.



14.2679, 25.1742, 63.7995



41.5687, 25.1742, 21.0806



12.6302, 25.1742, 15.1073

Square

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



41.5687, 25.1742, 21.0806



21.6009, 25.1742, 3.3172



12.1524, 25.1742, 34.8952



26.4151, 25.1742, 93.5067

Rectangle

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



41.5687, 25.1742, 21.0806



32.2186, 25.1742, 4.7880



12.1524, 25.1742, 34.8952



17.1966, 25.1742, 82.0178

Sweetspot

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



41.5693, 25.1756, 21.0810



75.4603, 69.4967, 75.6230



40.2094, 23.0976, 83.2276



15.6513, 14.1049, 15.3092



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.



41.5693, 25.1756, 21.0810



45.0338, 24.6716, 16.0684



42.6277, 30.6543, 11.0691



15.9483, 15.8290, 17.2842



20.2396, 10.3683, 3.9122



1.7239, 0.8786, 0.5370

Inverse Universe

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



41.5693, 25.1756, 21.0810



45.0338, 24.6716, 16.0684



40.1443, 50.8087, 88.5799



15.9483, 15.8290, 17.2842



20.2396, 10.3683, 3.9122



1.7239, 0.8786, 0.5370

Previews

White Background



This preview shows how the XYZ color 41.5687, 25.1742, 21.0806 looks on a white background.

Color Contrast Check

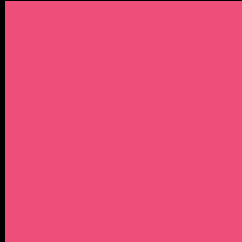
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.5687, 25.1742, 21.0806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

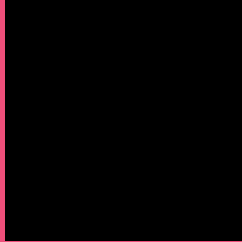
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.5687, 25.1742, 21.0806

Background



This preview shows how black text looks on a background with the XYZ color 41.5687, 25.1742, 21.0806.



This preview shows how white text looks on a background with the XYZ color 41.5687, 25.1742,

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

41.5687, 25.1742, 21.0806

Protanopia

24.8488, 25.4255, 33.7349

Deuteranopia

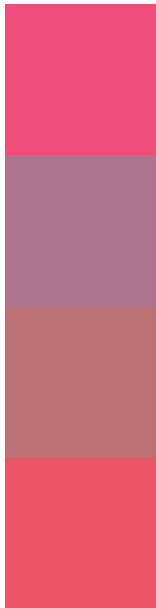
25.7229, 25.3609, 19.4590



Tritanopia

39.7289, 25.0852, 12.6455

Trichromacy



Original Color

41.5687, 25.1742, 21.0806

Protanomaly

28.3615, 23.3280, 28.5991

Deuteranomaly

29.8551, 23.7860, 19.8472

Tritanomaly

40.4166, 25.1503, 15.2947

Monochromacy



Original Color

41.5687, 25.1742, 21.0806

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

26.2680, 21.6929, 23.2247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5687, 25.1742, 21.0806 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, 79, 122)` looks like.

```
.text, #text, p{  
    color:rgb(238, 79, 122)  
}
```

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, 79, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 79, 122) }
```

Border

The CSS property to change the border of an element to XYZ 41.5687, 25.1742, 21.0806 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, 79, 122) }
```


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

```
.border{ border-color:rgb(238, 79, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 79, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 79, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 79, 122);  
box-shadow:4px 4px 4px 4px rgb(238, 79,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5687, 25.1742, 21.0806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 79, 122) }
```

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

```
.background{ background-color: rgb(238, 79,  
122) }
```

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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