

Converting Colors

XYZ(41.8908, 24.6752, 20.5706)

Have a look what the booklet for
XYZ(41.8908, 24.6752, 20.5706)
contains.

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Color

**XYZ(42.0442, 24.7160,
20.6438)**

Conversions

Conversions Part 1

Format	Color
Hex	F14879
RGB	241, 72, 121
RGB Percent	95%, 28%, 47%
CMY	0.0549, 0.7176, 0.5255
CMYK	0.00, 0.70, 0.50, 0.05
HSL	343°, 86%, 61%
HSV	343°, 70%, 95%
XYZ	42.0442, 24.7160, 20.6438
YIQ	128.1170, 84.9950, 51.0670

Conversions

Conversions Part 2

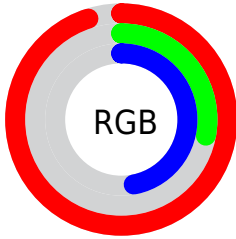
Format	Color
R_{YB}	241, 72, 121
Decimal	15812729
CIE Lab	56.80, 67.19, 10.62
CIE LCh	57, 68.022, 8.979
Yxy	24.7160, 0.4810, 0.2828
Android (android.graphics.Color)	4294002809 (0xFFFF14879)
YUV	128.1170, -3.5087, 98.9984
Hunter-Lab	49.7152, 63.9561, 10.1810

Details

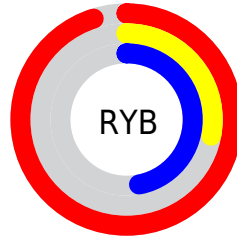
The XYZ color **42.0442, 24.7160, 20.6438** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle washed rose. A complement of this color would be **43.6441, 68.0948, 60.7187**, and the grayscale version is **20.5511, 21.6213, 23.5456**.

A 20% lighter version of the original color is **56.8991, 40.5097, 44.3554**, and **19.7930, 10.0647, 7.2028** is the 20% darker color. If you saturate the color by 10%, you get **39.8218, 21.8046, 15.1765**, and if you desaturate by 10%, it is **45.0643, 28.9251, 27.2959**.

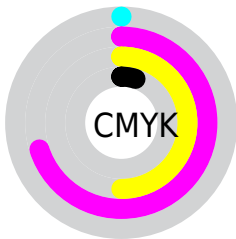
Distribution



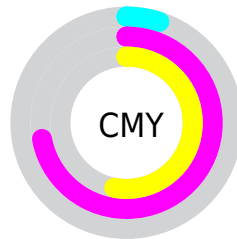
- Red (95%)
- Green (28%)
- Blue (47%)



- Red (95%)
- Yellow (28%)
- Blue (47%)



- Cyan (0%)
- Magenta (70%)
- Yellow (50%)
- Black (5%)





- Cyan (5%)
- Magenta (72%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0442, 24.7160, 20.6438 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 42.0442, 24.7160, 20.6438 by changing the saturation by 10% instead.


 42.0442, 24.7160,
20.6438


 42.0442, 24.7160,
20.6438


345.6546,
276.4206, 268.0980


 29.3272, 15.8656,
12.6752


 77.5313, 51.1961,
45.3670


 19.4740, 9.4291,
7.0772


 101.0320, 69.5946,
62.9587

 12.1193, 5.0221,
3.4312


 128.8580, 91.9446,
84.5952

 6.8978, 2.2602,
1.3188

 161.3746,
118.6305, 110.6950

 3.4440, 0.7525,
0.0771

 198.9473,
150.0366, 141.6766

 1.3927, 0.0000,
0.0000

241.9412,

 0.2510, 0.0000,

186.5474, 177.9586

0.0000

290.7219,
228.5473, 219.9595

■ 0.0000, 0.0000,
0.0000

■ 42.0442, 24.7160,
20.6438

■ 42.0442, 24.7160,
20.6438

■ 39.8218, 21.8046,
15.1765

■ 45.0643, 28.9251,
27.2959

■ 38.3093, 20.0307,
10.8155


■ 48.9529, 34.5587,
35.2009


■ 37.3768, 19.1412,
7.4967


■ 53.7752, 41.7333,
44.4226

■ 59.5889, 50.5519,
55.0199

■ 66.4473, 61.1087,
67.0478

 74.3996, 73.4907,
80.5584

 83.4919, 87.7790,
95.6010

 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.



40.8333, 24.7160, 45.8552



42.0442, 24.7160, 20.6438



37.4822, 24.7160, 7.7050

Triad

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



42.0442, 24.7160, 20.6438



15.1324, 24.7160, 5.2156



18.4267, 24.7160, 91.8998

Complementary

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



42.0442, 24.7160, 20.6438



43.6441, 68.0948, 60.7187

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.



13.5043, 24.7160, 64.8839



42.0442, 24.7160, 20.6438



11.9219, 24.7160, 14.0700

Square

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



42.0442, 24.7160, 20.6438



21.1871, 24.7160, 2.7004



11.4019, 24.7160, 34.3345



25.9579, 24.7160, 97.3929

Rectangle

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



42.0442, 24.7160, 20.6438



32.2775, 24.7160, 4.1338



11.4019, 24.7160, 34.3345



16.4653, 24.7160, 84.5193

Sweetspot

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



42.0448, 24.7174, 20.6442



74.7527, 68.2518, 74.8619



39.5063, 21.9733, 85.3779



15.5187, 13.8651, 15.1867



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.



42.0448, 24.7174, 20.6442



44.4690, 23.8093, 15.0564



42.5800, 29.4375, 9.5706



15.9612, 15.8342, 17.3522



20.3193, 10.4001, 4.3318



1.7320, 0.8818, 0.5795

Inverse Universe

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



42.0448, 24.7174, 20.6442



44.4690, 23.8093, 15.0564



40.9123, 52.4526, 91.1869



15.9612, 15.8342, 17.3522



20.3193, 10.4001, 4.3318



1.7320, 0.8818, 0.5795

Previews

White Background



This preview shows how the XYZ color 42.0442, 24.7160, 20.6438 looks on a white background.

Color Contrast Check

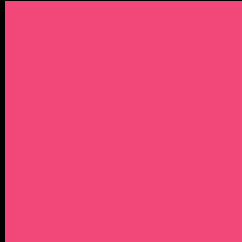
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.0442, 24.7160, 20.6438 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 42.0442, 24.7160, 20.6438

Background



This preview shows how black text looks on a background with the XYZ color 42.0442, 24.7160, 20.6438.



This preview shows how white text looks on a background with the XYZ color 42.0442, 24.7160,

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

42.0442, 24.7160, 20.6438

Protanopia

24.3934, 24.9614, 34.5427

Deuteranopia

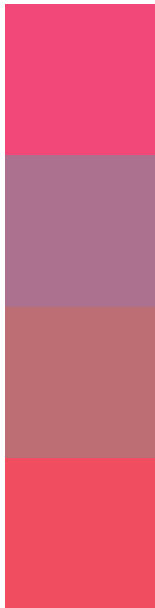
25.1975, 24.6940, 19.0611



Tritanopia

40.0655, 24.7281, 11.0488

Trichromacy



Original Color

42.0442, 24.7160, 20.6438

Protanomaly

27.8763, 22.5641, 28.8727

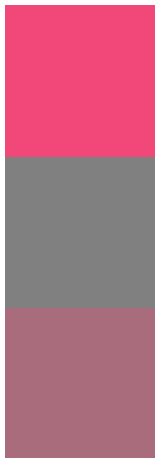
Deuteranomaly

29.4674, 23.1042, 19.4295

Tritanomaly

40.7467, 24.6961, 13.9285

Monochromacy



Original Color

42.0442, 24.7160, 20.6438

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

25.4264, 20.6408, 22.0460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0442, 24.7160, 20.6438 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, 72, 121)` looks like.

```
.text, #text, p{  
    color:rgb(241, 72, 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, 72, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 72, 121) }
```

Border

The CSS property to change the border of an element to XYZ 42.0442, 24.7160, 20.6438 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, 72, 121) }
```


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

```
.border{ border-color:rgb(241, 72, 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, 72, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 72, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 72, 121);  
box-shadow:4px 4px 4px 4px rgb(241, 72,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0442, 24.7160, 20.6438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 72, 121) }
```

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

```
.background{ background-color: rgb(241, 72,  
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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