

Converting Colors

XYZ(40.9769, 23.5343, 24.1731)

Have a look what the booklet for
XYZ(40.9769, 23.5343, 24.1731)
contains.

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Color

**XYZ(41.0381, 23.5669,
24.2157)**

Conversions

Conversions Part 1

Format	Color
Hex	ED4284
RGB	237, 66, 132
RGB Percent	93%, 26%, 52%
CMY	0.0706, 0.7411, 0.4824
CMYK	0.00, 0.72, 0.44, 0.07
HSL	337°, 83%, 59%
HSV	337°, 72%, 93%
XYZ	41.0381, 23.5669, 24.2157
YIQ	124.6530, 80.7300, 56.7780

Conversions

Conversions Part 2

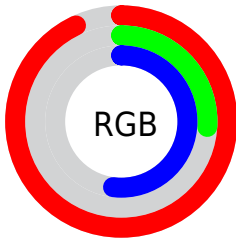
Format	Color
R_{YB}	237, 66, 132
Decimal	15549060
CIE _{Lab}	55.65, 69.07, 2.36
CIE _{LCh}	56, 69.106, 1.960
Yxy	23.5669, 0.4620, 0.2653
Android (android.graphics.Color)	4293739140 (0xFFED4284)
YUV	124.6530, 3.6221, 98.5283
Hunter-Lab	48.5458, 65.9397, 4.4069

Details

The XYZ color **41.0381, 23.5669, 24.2157** 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 **39.8834, 64.6675, 48.9135**, and the grayscale version is **19.3473, 20.3548, 22.1664**.

A 20% lighter version of the original color is **57.4578, 39.6845, 50.5305**, and **19.4658, 9.8546, 9.0598** is the 20% darker color. If you saturate the color by 10%, you get **39.0012, 20.9775, 18.9612**, and if you desaturate by 10%, it is **43.7884, 27.3608, 30.3939**.

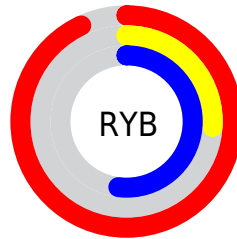
Distribution



Red (93%)

Green (26%)

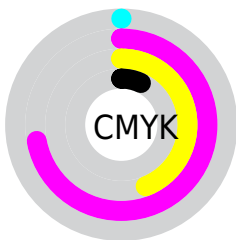
Blue (52%)



Red (93%)

Yellow (26%)

Blue (52%)

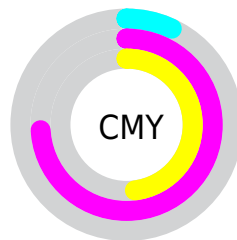


Cyan (0%)

Magenta (72%)

Yellow (44%)

Black (7%)



Cyan (7%)


Magenta (74%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0381, 23.5669, 24.2157 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 41.0381, 23.5669, 24.2157 by changing the saturation by 10% instead.


 41.0381, 23.5669,
24.2157


 41.0381, 23.5669,
24.2157


341.5397,
270.6235, 287.2308


 28.5367, 15.0127,
15.2800

 76.0161, 49.3225,
51.3302


 18.8731, 8.8283,
8.8673


 99.2233, 67.2927,
70.3461


 11.6821, 4.6293,
4.5591


 126.7299, 89.1703,
93.5592

 6.5982, 2.0315,
1.9368

 158.9011,
115.3397, 121.3879

 3.2562, 0.6257,
0.5160

 196.1023,
146.1853, 154.2509

 1.2907, 0.0000,
0.0000

238.6989,

 0.1762, 0.0000,

182.0916, 192.5667

0.0000

287.0563,
223.4428, 236.7538

■ 0.0000, 0.0000,
0.0000

■ 41.0381, 23.5669,
24.2157

■ 41.0381, 23.5669,
24.2157

■ 39.0012, 20.9775,
18.9612

■ 43.7884, 27.3608,
30.3939

■ 37.5941, 19.4343,
14.5737


■ 47.3186, 32.4838,
37.5440


■ 36.8334, 18.7678,
11.6841


■ 51.6894, 39.0487,
45.7115


■ 56.9546, 47.1555,
54.9383

■ 63.1633, 56.8949,
65.2637

 70.3610, 68.3508,
76.7246

 78.5900, 81.6012,
89.3563

 87.6948, 96.3284,
103.1272

 88.7350, 96.7445,
108.6045

Harmonies

Analogous

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



38.4644, 23.5669, 51.6937



41.0381, 23.5669, 24.2157



37.7317, 23.5669, 8.9494

Triad

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



41.0381, 23.5669, 24.2157



15.3461, 23.5669, 3.7216



16.0487, 23.5669, 85.5222

Complementary

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



41.0381, 23.5669, 24.2157



39.8834, 64.6675, 48.9135

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.



11.9111, 23.5669, 55.8699



41.0381, 23.5669, 24.2157



11.5768, 23.5669, 10.2737

Square

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



41.0381, 23.5669, 24.2157



21.8894, 23.5669, 2.1998



10.4822, 23.5669, 27.1613



22.9178, 23.5669, 97.2424

Rectangle

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



41.0381, 23.5669, 24.2157



33.0015, 23.5669, 4.4927



10.4822, 23.5669, 27.1613



14.3529, 23.5669, 76.7117

Sweetspot

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



41.0387, 23.5682, 24.2161



74.6317, 67.2574, 77.1415



33.5124, 18.4035, 81.9065



15.5224, 13.6829, 15.7725



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.



41.0387, 23.5682, 24.2161



45.1039, 23.6824, 19.5736



39.0104, 24.6014, 7.8485



15.3061, 15.1503, 16.8971



20.1692, 10.2704, 6.6925



1.6296, 0.8248, 0.7667

Inverse Universe

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



41.0387, 23.5682, 24.2161



45.1039, 23.6824, 19.5736



43.1008, 58.4075, 89.1227



15.3061, 15.1503, 16.8971



20.1692, 10.2704, 6.6925



1.6296, 0.8248, 0.7667

Previews

White Background



This preview shows how the XYZ color 41.0381, 23.5669, 24.2157 looks on a white background.

Color Contrast Check

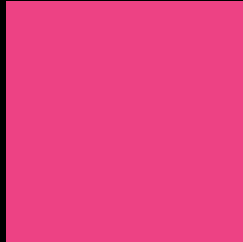
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.0381, 23.5669, 24.2157 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 41.0381, 23.5669, 24.2157

Background



This preview shows how black text looks on a background with the XYZ color 41.0381, 23.5669, 24.2157.



This preview shows how white text looks on a background with the XYZ color 41.0381, 23.5669,

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

41.0381, 23.5669, 24.2157

Protanopia

23.9141, 23.7279, 41.8476

Deuteranopia

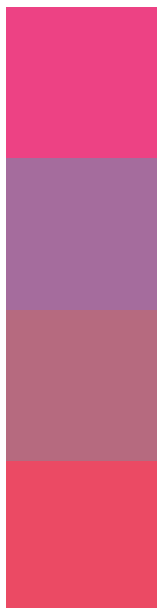
24.0660, 23.6398, 22.3633



Tritanopia

38.1791, 23.5504, 10.5161

Trichromacy



Original Color

41.0381, 23.5669, 24.2157

Protanomaly

26.9654, 21.1588, 34.5611

Deuteranomaly

28.2762, 21.7855, 22.7934

Tritanomaly

39.0100, 23.4798, 14.5326

Monochromacy



Original Color

41.0381, 23.5669, 24.2157

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

24.5725, 19.5661, 22.9036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0381, 23.5669, 24.2157 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(237, 66, 132)` looks like.

```
.text, #text, p{  
    color:rgb(237, 66, 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(237, 66, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 66, 132) }
```

Border

The CSS property to change the border of an element to XYZ 41.0381, 23.5669, 24.2157 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(237, 66, 132) }
```


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

```
.border{ border-color:rgb(237, 66, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 66, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 66, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 66, 132);  
box-shadow:4px 4px 4px 4px rgb(237, 66,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0381, 23.5669, 24.2157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 66, 132) }
```

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

```
.background{ background-color: rgb(237, 66,  
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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