

Converting Colors

XYZ(40.2372, 23.5179, 18.9177)

Have a look what the booklet for
XYZ(40.2372, 23.5179, 18.9177)
contains.

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Color

**XYZ(40.2056, 23.5217,
18.9441)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | ED4574 |
| RGB | 237, 69, 116 |
| RGB Percent | 93%, 27%, 45% |
| CMY | 0.0706, 0.7294, 0.5451 |
| CMYK | 0.00, 0.71, 0.51, 0.07 |
| HSL | 343°, 82%, 60% |
| HSV | 343°, 71%, 93% |
| XYZ | 40.2056, 23.5217, 18.9441 |
| YIQ | 124.5900, 85.0410, 50.2330 |

Conversions

Conversions Part 2

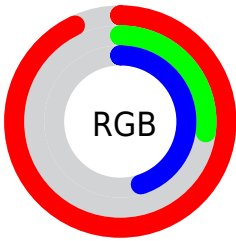
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 237, 69, 116 |
| Decimal | 15549812 |
| CIE _{Lab} | 55.61, 66.69, 11.81 |
| CIE _{LCh} | 56, 67.727, 10.039 |
| Yxy | 23.5217, 0.4863, 0.2845 |
| Android (android.graphics.Color) | 4293739892 (0xFFED4574) |
| YUV | 124.5900, -4.2349, 98.5836 |
| Hunter-Lab | 48.4992, 63.1021, 10.7904 |

Details

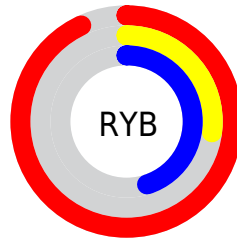
The XYZ color **40.2056, 23.5217, 18.9441** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **42.0345, 65.5520, 59.1583**, and the grayscale version is **19.3505, 20.3582, 22.1701**.

A 20% lighter version of the original color is **56.0271, 39.5255, 41.7220**, and **18.7226, 9.5313, 6.3218** is the 20% darker color. If you saturate the color by 10%, you get **38.1241, 20.8046, 13.7932**, and if you desaturate by 10%, it is **43.0526, 27.4779, 25.2508**.

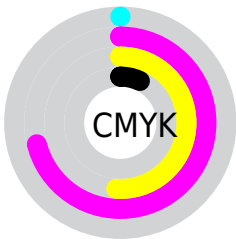
Distribution



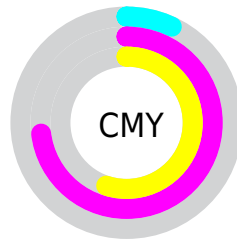
- Red (93%)
- Green (27%)
- Blue (45%)



- Red (93%)
- Yellow (27%)
- Blue (45%)



- Cyan (0%)
- Magenta (71%)
- Yellow (51%)
- Black (7%)





- Cyan (7%)
- Magenta (73%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2056, 23.5217, 18.9441 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 40.2056, 23.5217, 18.9441 by changing the saturation by 10% instead.


 40.2056, 23.5217,
18.9441


 40.2056, 23.5217,
18.9441


338.1090,
270.3934, 258.5524


 27.8838, 14.9792,
11.4535


 74.7588, 49.2485,
42.4751


 18.3781, 8.8048,
6.2547


 97.7210, 67.2017,
59.3525


 11.3231, 4.6141,
2.9293


 124.9607, 89.0605,
80.1959

 6.3535, 2.0227,
1.0587

 156.8432,
115.2094, 105.4240

 3.1039, 0.6206,
0.0000

 193.7339,
146.0327, 135.4551

 1.2089, 0.0000,
0.0000

235.9982,

 0.1134, 0.0000,

181.9149, 170.7078

0.0000

284.0015,
223.2403, 211.6008

■ 0.0000, 0.0000,
0.0000

■ 40.2056, 23.5217,
18.9441

■ 40.2056, 23.5217,
18.9441

■ 38.1241, 20.8046,
13.7932

■ 43.0526, 27.4779,
25.2508

■ 36.7222, 19.1706,
9.7194


■ 46.7343, 32.7968,
32.7813


■ 35.9170, 18.4013,
6.8585

■ 51.3140, 39.5909,
41.5996


■ 56.8481, 47.9603,
51.7642

■ 63.3882, 57.9959,
63.3302

 70.9822, 69.7820,
76.3493

 79.6748, 83.3968,
90.8707

 88.3455, 96.5887,
106.5533

 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.



39.2391, 23.5217, 42.8633



40.2056, 23.5217, 18.9441



35.6234, 23.5217, 6.9396

Triad

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



40.2056, 23.5217, 18.9441



14.1625, 23.5217, 4.9970



17.6994, 23.5217, 89.1671

Complementary

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



40.2056, 23.5217, 18.9441



42.0345, 65.5520, 59.1583

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.



12.8759, 23.5217, 63.4208



40.2056, 23.5217, 18.9441



11.1804, 23.5217, 13.7485

Square

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



40.2056, 23.5217, 18.9441



19.8881, 23.5217, 2.4899



10.7704, 23.5217, 33.6833



25.0215, 23.5217, 93.5721

Rectangle

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



40.2056, 23.5217, 18.9441



30.5416, 23.5217, 3.7003



10.7704, 23.5217, 33.6833



15.7827, 23.5217, 82.2327

Sweetspot

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



40.2062, 23.5230, 18.9445



74.6819, 68.2235, 74.4892



38.5012, 21.2424, 82.1916



15.5021, 13.8585, 15.0992



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.



40.2062, 23.5230, 18.9445



44.1875, 23.5608, 13.9929



41.0928, 28.6209, 8.9905



15.2386, 15.1233, 16.5419



19.6575, 10.0657, 3.9977



1.5834, 0.8063, 0.5233

Inverse Universe

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



40.2062, 23.5230, 18.9445



44.1875, 23.5608, 13.9929



38.5351, 48.9681, 87.5414



15.2386, 15.1233, 16.5419



19.6575, 10.0657, 3.9977



1.5834, 0.8063, 0.5233

Previews

White Background



This preview shows how the XYZ color 40.2056, 23.5217, 18.9441 looks on a white background.

Color Contrast Check

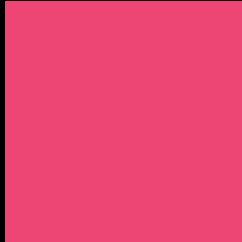
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.2056, 23.5217, 18.9441 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 40.2056, 23.5217, 18.9441

Background



This preview shows how black text looks on a background with the XYZ color 40.2056, 23.5217, 18.9441.



This preview shows how white text looks on a background with the XYZ color 40.2056, 23.5217,

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

40.2056, 23.5217, 18.9441

Protanopia

23.2526, 23.8024, 32.2229

Deuteranopia

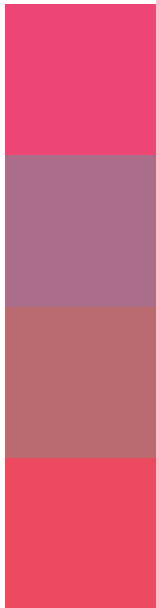
23.9435, 23.4896, 17.4593



Tritanopia

38.4000, 23.5640, 10.3090

Trichromacy



Original Color

40.2056, 23.5217, 18.9441

Protanomaly

26.7409, 21.5329, 26.7916

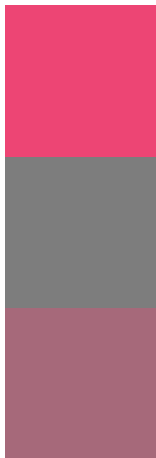
Deuteranomaly

28.1345, 21.9774, 17.7981

Tritanomaly

39.0612, 23.5386, 13.0743

Monochromacy



Original Color

40.2056, 23.5217, 18.9441

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

24.2903, 19.6153, 20.9182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2056, 23.5217, 18.9441 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, 69, 116)` looks like.

```
.text, #text, p{  
    color:rgb(237, 69, 116)  
}
```

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, 69, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 69, 116) }
```

Border

The CSS property to change the border of an element to XYZ 40.2056, 23.5217, 18.9441 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, 69, 116) }
```


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

```
.border{ border-color:rgb(237, 69, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 69, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 69, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 69, 116);  
box-shadow:4px 4px 4px 4px rgb(237, 69,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2056, 23.5217, 18.9441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 69, 116) }
```

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

```
.background{ background-color: rgb(237, 69,  
116) }
```

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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