

Converting Colors

XYZ(39.1507, 22.5388, 15.1189)

Have a look what the booklet for
XYZ(39.1507, 22.5388, 15.1189)
contains.

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Color

**XYZ(39.1507, 22.5388,
15.1189)**

Conversions

Conversions Part 1

Format	Color
Hex	ED3F67
RGB	237, 63, 103
RGB Percent	93%, 25%, 40%
CMY	0.0706, 0.7529, 0.5961
CMYK	0.00, 0.73, 0.57, 0.07
HSL	346°, 83%, 59%
HSV	346°, 73%, 93%
XYZ	39.1507, 22.5388, 15.1189
YIQ	119.5860, 90.8640, 49.3280

Conversions

Conversions Part 2

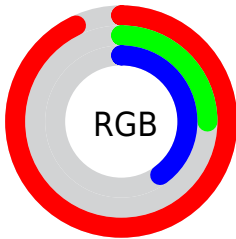
Format	Color
R_{YB}	237, 63, 103
Decimal	15548263
CIE _{Lab}	54.59, 67.74, 18.15
CIE _{LCh}	55, 70.128, 14.998
Yxy	22.5388, 0.5097, 0.2934
Android (android.graphics.Color)	4293738343 (0xFFED3F67)
YUV	119.5860, -8.1769, 102.9721
Hunter-Lab	47.4750, 64.1202, 14.3510

Details

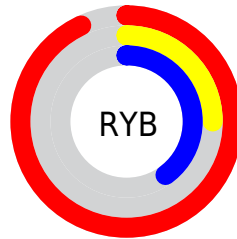
The XYZ color **39.1507, 22.5388, 15.1189** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **42.4141, 65.6569, 63.2678**, and the grayscale version is **17.7271, 18.6503, 20.3101**.

A 20% lighter version of the original color is **54.1557, 37.7590, 35.0057**, and **18.1941, 9.2941, 4.7059** is the 20% darker color. If you saturate the color by 10%, you get **37.2904, 20.1279, 10.4615**, and if you desaturate by 10%, it is **41.7766, 26.1610, 21.0184**.

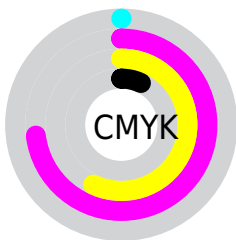
Distribution



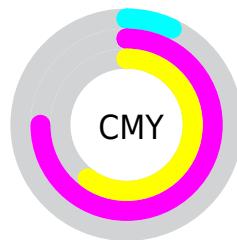
- Red (93%)
- Green (25%)
- Blue (40%)



- Red (93%)
- Yellow (25%)
- Blue (40%)



- Cyan (0%)
- Magenta (73%)
- Yellow (57%)
- Black (7%)





- Cyan (7%)
- Magenta (75%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1507, 22.5388, 15.1189 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 39.1507, 22.5388, 15.1189 by changing the saturation by 10% instead.

 39.1507, 22.5388,
15.1189


 39.1507, 22.5388,
15.1189

333.7269,
265.3472, 235.7503

 27.0582, 14.2533,
8.7553


 73.1611, 47.6349,
35.8069

 17.7538, 8.2971,
4.4873


 95.8097, 65.2144,
50.9684


 10.8720, 4.2856,
1.8963


 122.7078, 86.6606,
69.8996

 6.0475, 1.8346,
0.4904

 154.2206,
112.3580, 93.0190

 2.9149, 0.5086,
0.0000

 190.7136,
142.6910, 120.7453

 1.1089, 0.0000,
0.0000

232.5520,

 0.0326, 0.0000,

178.0439, 153.4969

0.0000

280.1014,
218.8012, 191.6924

■ 0.0000, 0.0000,
0.0000

■ 39.1507, 22.5388,
15.1189

■ 39.1507, 22.5388,
15.1189

■ 37.2904, 20.1279,
10.4615

■ 41.7766, 26.1610,
21.0184

■ 36.1025, 18.7628,
6.9498


■ 45.2427, 31.1244,
28.2436


■ 35.6018, 18.2752,
5.1993


■ 49.6163, 37.5460,
36.8712


■ 54.9574, 45.5292,
46.9720

■ 61.3205, 55.1678,
58.6116

 68.7561, 66.5483,
71.8517

 77.3113, 79.7510,
86.7505

 87.0304, 94.8513,
103.3631

 88.7348, 96.7444,
108.6045

Harmonies

Analogous

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



39.1503, 22.5388, 37.2402



39.1507, 22.5388, 15.1189



33.6958, 22.5388, 5.1072

Triad

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



39.1507, 22.5388, 15.1189



12.5635, 22.5388, 5.1064



17.8126, 22.5388, 92.5472

Complementary

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



39.1507, 22.5388, 15.1189



42.4141, 65.6569, 63.2678

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.



12.5630, 22.5388, 68.4135



39.1507, 22.5388, 15.1189



10.0643, 22.5388, 15.1169

Square

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



39.1507, 22.5388, 15.1189



17.8135, 22.5388, 2.1402



10.0641, 22.5388, 37.2365



25.4886, 22.5388, 92.5490

Rectangle

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



39.1507, 22.5388, 15.1189



28.3121, 22.5388, 2.6773



10.0641, 22.5388, 37.2365



15.7524, 22.5388, 86.5538

Sweetspot

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



39.1513, 22.5401, 15.1193



73.4981, 66.8039, 71.1716



39.9340, 21.4606, 82.1579



15.2577, 13.5770, 14.3788



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.



39.1513, 22.5401, 15.1193



43.2492, 22.8311, 10.1448



41.3348, 29.3882, 8.1984



15.2073, 15.1108, 16.3768



19.4788, 9.9942, 3.0566



1.5655, 0.7992, 0.4295

Inverse Universe

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



39.1513, 22.5401, 15.1193



43.2492, 22.8311, 10.1448



35.8810, 44.2602, 86.7722



15.2073, 15.1108, 16.3768



19.4788, 9.9942, 3.0566



1.5655, 0.7992, 0.4295

Previews

White Background



This preview shows how the XYZ color 39.1507, 22.5388, 15.1189 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 39.1507, 22.5388, 15.1189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

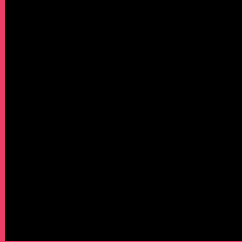
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.1507, 22.5388, 15.1189

Background



This preview shows how black text looks on a background with the XYZ color 39.1507, 22.5388, 15.1189.

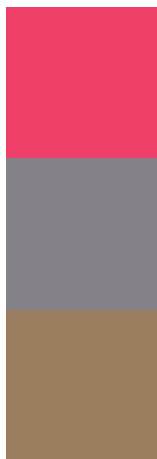


This preview shows how white text looks on a background with the XYZ color 39.1507, 22.5388,

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

39.1507, 22.5388, 15.1189

Protanopia

21.9423, 22.6484, 26.5076

Deuteranopia

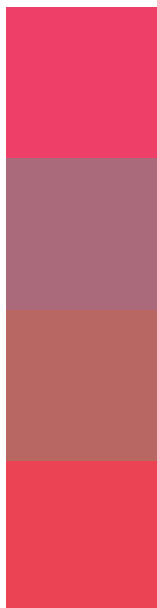
23.0440, 22.7165, 13.9966



Tritanopia

37.9228, 22.5702, 8.6611

Trichromacy



Original Color

39.1507, 22.5388, 15.1189

Protanomaly

25.3697, 20.3094, 21.6518

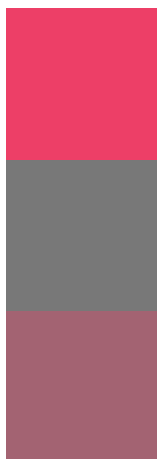
Deuteranomaly

27.0624, 20.8966, 14.1624

Tritanomaly

38.1995, 22.4873, 10.7146

Monochromacy



Original Color

39.1507, 22.5388, 15.1189

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

22.6034, 17.9251, 18.1882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1507, 22.5388, 15.1189 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, 63, 103)` looks like.

```
.text, #text, p{  
    color:rgb(237, 63, 103)  
}
```

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, 63, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 63, 103) }
```

Border

The CSS property to change the border of an element to XYZ 39.1507, 22.5388, 15.1189 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, 63, 103) }
```


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

```
.border{ border-color:rgb(237, 63, 103) }
```

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

Here you see how a box with a 4 pixel rgb(237, 63, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 63, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 63, 103);  
box-shadow:4px 4px 4px 4px rgb(237, 63,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1507, 22.5388, 15.1189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 63, 103) }
```

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

```
.background{ background-color: rgb(237, 63,  
103) }
```

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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