

Converting Colors

XYZ(39.1006, 24.1498, 14.6571)

Have a look what the booklet for
XYZ(39.1006, 24.1498, 14.6571)
contains.

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Color

**XYZ(39.1006, 24.1498,
14.6571)**

Conversions

Conversions Part 1

Format	Color
Hex	EA5064
RGB	234, 80, 100
RGB Percent	92%, 31%, 39%
CMY	0.0824, 0.6862, 0.6078
CMYK	0.00, 0.66, 0.57, 0.08
HSL	352°, 79%, 62%
HSV	352°, 66%, 92%
XYZ	39.1006, 24.1498, 14.6571
YIQ	128.3260, 85.3640, 38.8680

Conversions

Conversions Part 2

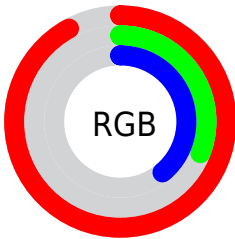
Format	Color
R_{YB}	234, 80, 100
Decimal	15356004
CIE Lab	56.24, 60.50, 22.05
CIE LCh	56, 64.388, 20.023
Yxy	24.1498, 0.5019, 0.3100
Android (android.graphics.Color)	4293546084 (0xFFEA5064)
YUV	128.3260, -13.9647, 92.6761
Hunter-Lab	49.1424, 56.0257, 16.7160

Details

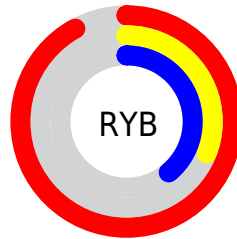
The XYZ color **39.1006, 24.1498, 14.6571** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **44.8705, 65.4068, 73.8839**, and the grayscale version is **20.6584, 21.7342, 23.6686**.

A 20% lighter version of the original color is **55.7716, 41.3857, 34.3269**, and **17.7225, 9.1238, 4.3170** is the 20% darker color. If you saturate the color by 10%, you get **36.8101, 20.9540, 9.6240**, and if you desaturate by 10%, it is **42.2349, 28.6394, 21.1868**.

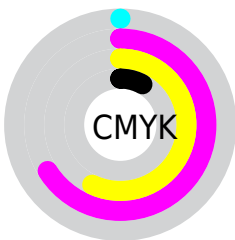
Distribution



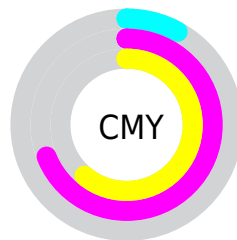
- Red (92%)
- Green (31%)
- Blue (39%)



- Red (92%)
- Yellow (31%)
- Blue (39%)



- Cyan (0%)
- Magenta (66%)
- Yellow (57%)
- Black (8%)





- Cyan (8%)
- Magenta (69%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1006, 24.1498, 14.6571 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 39.1006, 24.1498, 14.6571 by changing the saturation by 10% instead.

 39.1006, 24.1498,
14.6571


 39.1006, 24.1498,
14.6571

333.5178,
273.5769, 232.8501

 27.0191, 15.4448,
8.4351


 73.0851, 50.2745,
34.9843

 17.7242, 9.1321,
4.2829


 95.7187, 68.4631,
49.9265

 10.8507, 4.8275,
1.7818


 122.6004, 90.5815,
68.6127

 6.0330, 2.1464,
0.4159

 154.0956,
117.0143, 91.4612

 2.9060, 0.6905,
0.0000

190.5696,
148.1459, 118.8907

 1.1043, 0.0000,
0.0000

232.3877,

 0.0287, 0.0000,

184.3606, 151.3196

0.0000

279.9153,
226.0428, 189.1666

■ 0.0000, 0.0000,
0.0000

■ 39.1006, 24.1498,
14.6571

■ 39.1006, 24.1498,
14.6571

■ 36.8101, 20.9540,
9.6240

■ 42.2349, 28.6394,
21.1868

■ 35.2779, 18.9104,
5.9660

■ 46.2836, 34.5368,
29.3189


■ 34.4028, 17.8512,
3.5444


■ 51.3120, 41.9482,
39.1508


■ 34.1708, 17.5880,
2.8476

■ 57.3789, 50.9683,
50.7718

■ 64.5382, 61.6844,
64.2648

 72.8404, 74.1770,
79.7077

 82.3324, 88.5219,
97.1739

 87.7416, 96.2324,
108.5580

Harmonies

Analogous

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



40.0284, 24.1498, 34.0120



39.1006, 24.1498, 14.6571



33.3718, 24.1498, 5.7893

Triad

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



39.1006, 24.1498, 14.6571



13.6794, 24.1498, 7.8328



20.5740, 24.1498, 90.3819

Complementary

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



39.1006, 24.1498, 14.6571



44.8705, 65.4068, 73.8839

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.



14.9666, 24.1498, 71.5622



39.1006, 24.1498, 14.6571



11.5915, 24.1498, 19.8436

Square

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



39.1006, 24.1498, 14.6571



18.4150, 24.1498, 3.5764



12.0056, 24.1498, 42.8766



28.1828, 24.1498, 86.2369

Rectangle

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



39.1006, 24.1498, 14.6571



28.1703, 24.1498, 3.5734



12.0056, 24.1498, 42.8766



18.4244, 24.1498, 86.2620

Sweetspot

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



39.1012, 24.1512, 14.6575



74.5432, 69.1299, 70.7937



45.2970, 25.8953, 80.4525



15.4352, 14.0185, 14.1715



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.



39.1012, 24.1512, 14.6575



43.9753, 24.4314, 9.9299



44.2507, 35.8134, 12.1716



15.1451, 15.0859, 16.0492



19.2275, 9.8937, 1.7336



1.5354, 0.7871, 0.2706

Inverse Universe

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



39.1012, 24.1512, 14.6575



43.9753, 24.4314, 9.9299



33.9886, 39.3030, 83.6365



15.1451, 15.0859, 16.0492



19.2275, 9.8937, 1.7336



1.5354, 0.7871, 0.2706

Previews

White Background



This preview shows how the XYZ color 39.1006, 24.1498, 14.6571 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 39.1006, 24.1498, 14.6571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

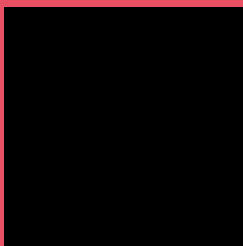
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.1006, 24.1498, 14.6571

Background



This preview shows how black text looks on a background with the XYZ color 39.1006, 24.1498, 14.6571.



This preview shows how white text looks on a background with the XYZ color 39.1006, 24.1498,

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

39.1006, 24.1498, 14.6571

Protanopia

23.1809, 24.3841, 22.8869

Deuteranopia

24.6823, 24.1546, 13.4866



Tritanopia

38.3419, 24.0463, 11.6374

Trichromacy



Original Color

39.1006, 24.1498, 14.6571

Protanomaly

26.7387, 22.5211, 19.4607

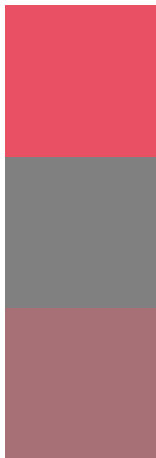
Deuteranomaly

28.4890, 22.8865, 13.7425

Tritanomaly

38.4785, 23.9812, 12.7260

Monochromacy



Original Color

39.1006, 24.1498, 14.6571

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

24.8908, 20.8924, 19.8603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1006, 24.1498, 14.6571 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(234, 80, 100)` looks like.

```
.text, #text, p{  
    color:rgb(234, 80, 100)  
}
```

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(234, 80, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 80, 100) }
```

Border

The CSS property to change the border of an element to XYZ 39.1006, 24.1498, 14.6571 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(234, 80, 100) }
```


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

```
.border{ border-color:rgb(234, 80, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 80, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 80, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 80, 100);  
box-shadow:4px 4px 4px 4px rgb(234, 80,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1006, 24.1498, 14.6571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 80, 100) }
```

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

```
.background{ background-color: rgb(234, 80,  
100) }
```

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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