

Converting Colors

XYZ(38.0943, 19.6835, 15.4272)

Have a look what the booklet for
XYZ(38.0943, 19.6835, 15.4272)
contains.

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Color

**XYZ(38.0943, 19.6835,
15.4272)**

Conversions

Conversions Part 1

Format	Color
Hex	EE136A
RGB	238, 19, 106
RGB Percent	93%, 7%, 42%
CMY	0.0667, 0.9253, 0.5843
CMYK	0.00, 0.92, 0.55, 0.07
HSL	336°, 87%, 50%
HSV	336°, 92%, 93%
XYZ	38.0943, 19.6835, 15.4272
YIQ	94.3990, 102.5970, 73.4850

Conversions

Conversions Part 2

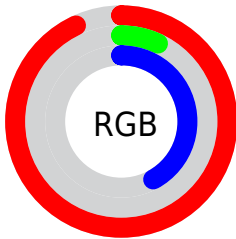
Format	Color
R_{YB}	238, 19, 106
Decimal	15602538
CIE _{Lab}	51.48, 77.80, 12.08
CIE _{LCh}	51, 78.727, 8.823
Yxy	19.6835, 0.5204, 0.2689
Android (android.graphics.Color)	4293792618 (0xFFEE136A)
YUV	94.3990, 5.7193, 125.9381
Hunter-Lab	44.3661, 75.6258, 10.4396

Details

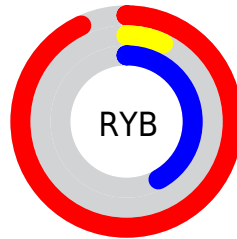
The XYZ color **38.0943, 19.6835, 15.4272** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **36.4326, 63.5232, 39.6346**, and the grayscale version is **10.7083, 11.2660, 12.2686**.

A 20% lighter version of the original color is **51.8830, 32.8087, 35.4965**, and **18.4686, 9.4297, 4.9844** is the 20% darker color. If you saturate the color by 10%, you get **37.3037, 18.9947, 12.4136**, and if you desaturate by 10%, it is **39.5290, 21.2575, 19.8999**.

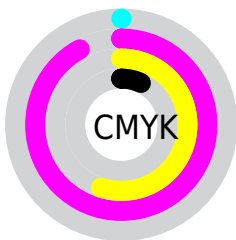
Distribution



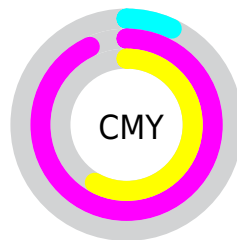
- Red (93%)
- Green (7%)
- Blue (42%)



- Red (93%)
- Yellow (7%)
- Blue (42%)



- Cyan (0%)
- Magenta (92%)
- Yellow (55%)
- Black (7%)





- Cyan (7%)
- Magenta (93%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0943, 19.6835, 15.4272 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 38.0943, 19.6835, 15.4272 by changing the saturation by 10% instead.


 38.0943, 19.6835,
15.4272


 38.0943, 19.6835,
15.4272


329.2982,
250.1965, 237.6668


 26.2334, 12.1652,
8.9698


 71.5556, 42.8859,
36.3537


 17.1320, 6.8563,
4.6249


 93.8868, 59.3388,
51.6600


 10.4245, 3.3724,
1.9741


 120.4388, 79.5387,
70.7529

 5.7457, 1.3291,
0.5393

 151.5769,
103.8699, 94.0510

 2.7303, 0.1636,
0.0000

 187.6665,
132.7169, 121.9730

 1.0128, 0.0000,
0.0000

 229.0731,

 0.0000, 0.0000,

166.4641, 154.9372

0.0000

276.1618,
205.4958, 193.3623

■ 38.0943, 19.6835,
15.4272

■ 38.0943, 19.6835,
15.4272

■ 37.3037, 18.9947,
12.4136

■ 39.5290, 21.2575,
19.8999

■ 41.5972, 23.8891,
25.2281

■ 44.3811, 27.7347,
31.4660

■ 47.9498, 32.9236,
38.6618

■ 52.3631, 39.5685,
46.8594

■ 57.6753, 47.7699,
56.0997

■ 63.9356, 57.6194,
66.4208

■ 71.1895, 69.2014,
77.8587

■ 79.4797, 82.5947,
90.4479

Harmonies

Analogous

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



36.7510, 19.6835, 41.3050



38.0943, 19.6835, 15.4272



33.2159, 19.6835, 4.0908

Triad

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



38.0943, 19.6835, 15.4272



10.7092, 19.6835, 2.2651



13.7396, 19.6835, 92.9873

Complementary

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



38.0943, 19.6835, 15.4272



36.4326, 63.5232, 39.6346

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.



9.1932, 19.6835, 61.9163



38.0943, 19.6835, 15.4272



7.8172, 19.6835, 9.2436

Square

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



38.0943, 19.6835, 15.4272



16.4738, 19.6835, 0.7661



7.3537, 19.6835, 28.8221



21.1368, 19.6835, 99.5840

Rectangle

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



38.0943, 19.6835, 15.4272



27.7268, 19.6835, 1.5996



7.3537, 19.6835, 28.8221



11.8945, 19.6835, 84.3681

Sweetspot

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



38.0948, 19.6847, 15.4275



70.1758, 60.1263, 70.1660



28.3202, 13.1635, 81.9368



14.3760, 11.8613, 13.9381



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.



38.0948, 19.6847, 15.4275



43.6025, 22.2050, 14.3708



36.1682, 19.8055, 2.5343



16.0328, 15.8628, 17.7291



20.8714, 10.6210, 7.2392



1.7840, 0.9027, 0.8535

Inverse Universe

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



38.0948, 19.6847, 15.4275



43.6025, 22.2050, 14.3708



40.2842, 55.4765, 89.4734



16.0328, 15.8628, 17.7291



20.8714, 10.6210, 7.2392



1.7840, 0.9027, 0.8535

Previews

White Background



This preview shows how the XYZ color 38.0943, 19.6835, 15.4272 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 38.0943, 19.6835, 15.4272 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 38.0943, 19.6835, 15.4272

Background



This preview shows how black text looks on a background with the XYZ color 38.0943, 19.6835, 15.4272.



This preview shows how white text looks on a background with the XYZ color 38.0943, 19.6835,

15.4272.

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

38.0943, 19.6835, 15.4272

Protanopia

20.0454, 20.0009, 32.9410

Deuteranopia

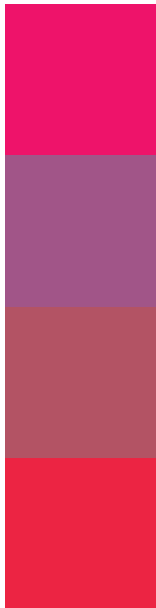
20.3852, 20.0579, 13.8635



Tritanopia

35.6540, 19.7208, 4.3102

Trichromacy



Original Color

38.0943, 19.6835, 15.4272

Protanomaly

22.3904, 15.8516, 25.1721

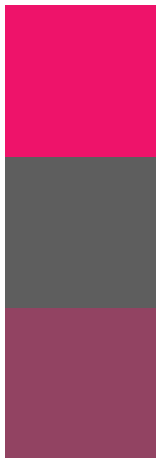
Deuteranomaly

23.9839, 16.6903, 14.0141

Tritanomaly

36.2361, 19.4999, 7.1642

Monochromacy



Original Color

38.0943, 19.6835, 15.4272

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

16.0658, 11.0071, 12.8331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0943, 19.6835, 15.4272 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(238, 19, 106)` looks like.

```
.text, #text, p{  
    color:rgb(238, 19, 106)  
}
```

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(238, 19, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 19, 106) }
```

Border

The CSS property to change the border of an element to XYZ 38.0943, 19.6835, 15.4272 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(238, 19, 106) }
```


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

```
.border{ border-color:rgb(238, 19, 106) }
```

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

Here you see how a box with a 4 pixel rgb(238, 19, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 19, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 19, 106);  
box-shadow:4px 4px 4px 4px rgb(238, 19,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0943, 19.6835, 15.4272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 19, 106) }
```

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

```
.background{ background-color: rgb(238, 19,  
106) }
```

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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