

Converting Colors

XYZ(38.1352, 19.4854, 21.1546)

Have a look what the booklet for
XYZ(38.1352, 19.4854, 21.1546)
contains.

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Color

**XYZ(38.1334, 19.4845,
21.1531)**

Conversions

Conversions Part 1

Format	Color
Hex	EB0F7D
RGB	235, 15, 125
RGB Percent	92%, 6%, 49%
CMY	0.0784, 0.9410, 0.5098
CMYK	0.00, 0.94, 0.47, 0.08
HSL	330°, 88%, 49%
HSV	330°, 94%, 92%
XYZ	38.1334, 19.4845, 21.1531
YIQ	93.3200, 95.8100, 80.8500

Conversions

Conversions Part 2

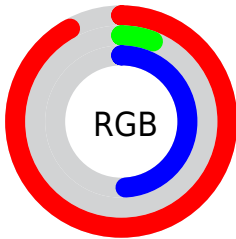
Format	Color
R_{YB}	235, 15, 125
Decimal	15404925
CIE _{Lab}	51.25, 78.91, 0.11
CIE _{LCh}	51, 78.905, 0.082
Yxy	19.4845, 0.4841, 0.2474
Android (android.graphics.Color)	4293595005 (0xFFEB0F7D)
YUV	93.3200, 15.6182, 124.2534
Hunter-Lab	44.1413, 76.9580, 2.4863

Details

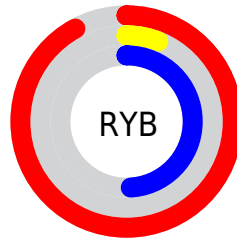
The XYZ color **38.1334, 19.4845, 21.1531** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **33.6103, 61.0001, 29.4192**, and the grayscale version is **10.4337, 10.9771, 11.9540**.

A 20% lighter version of the original color is **53.6377, 33.3580, 45.2067**, and **18.5381, 9.4060, 7.6760** is the 20% darker color. If you saturate the color by 10%, you get **37.4998, 18.9577, 18.6598**, and if you desaturate by 10%, it is **39.4690, 20.8824, 25.5244**.

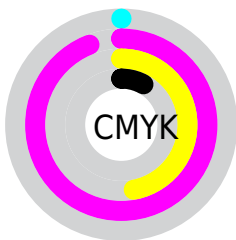
Distribution



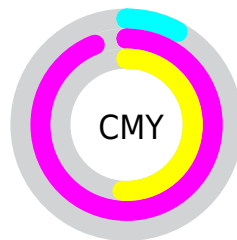
- Red (92%)
- Green (6%)
- Blue (49%)



- Red (92%)
- Yellow (6%)
- Blue (49%)



- Cyan (0%)
- Magenta (94%)
- Yellow (47%)
- Black (8%)





- Cyan (8%)
- Magenta (94%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1334, 19.4845, 21.1531 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 38.1334, 19.4845, 21.1531 by changing the saturation by 10% instead.


 38.1334, 19.4845,
21.1531


 38.1334, 19.4845,
21.1531


329.4628,
249.1106, 270.8987


 26.2639, 12.0209,
13.0436

 71.6151, 42.5512,
46.2263


 17.1549, 6.7579,
7.3275


 93.9581, 58.9231,
64.0271


 10.4410, 3.3112,
3.5862


 120.5230, 79.0332,
85.8954

 5.7568, 1.2963,
1.4012

 151.6751,
103.2659, 112.2498

 2.7370, 0.1383,
0.1427

 187.7797,
132.0056, 143.5088

 1.0163, 0.0000,
0.0000

 229.2023,

 0.0000, 0.0000,

165.6366, 180.0909

0.0000

276.3083,
204.5435, 222.4147

■ 38.1334, 19.4845,
21.1531

■ 38.1334, 19.4845,
21.1531

■ 37.4998, 18.9577,
18.6598

■ 39.4690, 20.8824,
25.5244

■ 41.3711, 23.2662,
30.5373

■ 43.9199, 26.7921,
36.2323

■ 47.1814, 31.5876,
42.6447

■ 51.2127, 37.7631,
49.8063

■ 56.0651, 45.4170,
57.7463

■ 61.7851, 54.6386,
66.4921

■ 68.4156, 65.5099,
76.0693

■ 75.9966, 78.1073,
86.5023

Harmonies

Analogous

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



34.9637, 19.4845, 50.9796



38.1334, 19.4845, 21.1531



34.9305, 19.4845, 6.0686

Triad

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



38.1334, 19.4845, 21.1531



11.9261, 19.4845, 1.4743



11.9542, 19.4845, 85.2537

Complementary

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



38.1334, 19.4845, 21.1531



33.6103, 61.0001, 29.4192

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.



8.2733, 19.4845, 51.1734



38.1334, 19.4845, 21.1531



8.2606, 19.4845, 6.1155

Square

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



38.1334, 19.4845, 21.1531



18.4977, 19.4845, 0.6611



7.1391, 19.4845, 21.2776



18.5412, 19.4845, 100.6902

Rectangle

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



38.1334, 19.4845, 21.1531



30.0179, 19.4845, 2.3179



7.1391, 19.4845, 21.2776



10.4113, 19.4845, 74.7903

Sweetspot

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



38.1339, 19.4856, 21.1534



71.1223, 60.5050, 75.1504



23.6274, 10.7026, 79.4174



14.6012, 11.9514, 15.1241



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.



38.1339, 19.4856, 21.1534



45.1018, 22.8047, 22.2661



34.5188, 18.0396, 2.1162



15.3795, 15.1797, 17.2839



20.9349, 10.5767, 10.7246



1.6925, 0.8499, 1.0979

Inverse Universe

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



38.1339, 19.4856, 21.1534



45.1018, 22.8047, 22.2661



44.9012, 65.5164, 88.8763



15.3795, 15.1797, 17.2839



20.9349, 10.5767, 10.7246



1.6925, 0.8499, 1.0979

Previews

White Background



This preview shows how the XYZ color 38.1334, 19.4845, 21.1531 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 38.1334, 19.4845, 21.1531 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 38.1334, 19.4845, 21.1531

Background



This preview shows how black text looks on a background with the XYZ color 38.1334, 19.4845, 21.1531.



This preview shows how white text looks on a background with the XYZ color 38.1334, 19.4845,

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

38.1334, 19.4845, 21.1531

Protanopia

20.6830, 19.8725, 45.3935

Deuteranopia

20.1726, 19.8347, 18.9849



Tritanopia

34.7587, 19.6045, 5.2009

Trichromacy



Original Color

38.1334, 19.4845, 21.1531



Protanomaly

22.2242, 15.2132, 34.5660



Deuteranomaly

23.5058, 16.1010, 19.3217



Tritanomaly

35.3831, 19.1065, 9.2202

Monochromacy



Original Color

38.1334, 19.4845, 21.1531



Achromatopsia

10.4043, 10.9462, 11.9204



Achromatomaly

16.1172, 10.8203, 14.6037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1334, 19.4845, 21.1531 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(235, 15, 125)` looks like.

```
.text, #text, p{  
    color:rgb(235, 15, 125)  
}
```

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(235, 15, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 15, 125) }
```

Border

The CSS property to change the border of an element to XYZ 38.1334, 19.4845, 21.1531 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(235, 15, 125) }
```


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

```
.border{ border-color:rgb(235, 15, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 15, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 15, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 15, 125);  
box-shadow:4px 4px 4px 4px rgb(235, 15,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1334, 19.4845, 21.1531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 15, 125) }
```

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

```
.background{ background-color: rgb(235, 15,  
125) }
```

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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