

Converting Colors

XYZ(34.7401, 19.4862, 10.1138)

Have a look what the booklet for
XYZ(34.7401, 19.4862, 10.1138)
contains.

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Color

**XYZ(34.7401, 19.4862,
10.1138)**

Conversions

Conversions Part 1

Format	Color
Hex	E43353
RGB	228, 51, 83
RGB Percent	89%, 20%, 33%
CMY	0.1059, 0.7999, 0.6745
CMYK	0.00, 0.78, 0.64, 0.11
HSL	349°, 77%, 55%
HSV	349°, 78%, 89%
XYZ	34.7401, 19.4862, 10.1138
YIQ	107.5710, 95.2200, 47.4760

Conversions

Conversions Part 2

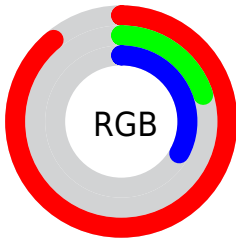
Format	Color
RYB	228, 51, 83
Decimal	14955347
CIELab	51.25, 67.62, 25.37
CIElCh	51, 72.221, 20.569
Yxy	19.4862, 0.5399, 0.3029
Android (android.graphics.Color)	4293145427 (0xFFE43353)
YUV	107.5710, -12.1135, 105.6162
Hunter-Lab	44.1432, 63.2266, 17.3161

Details

The XYZ color **34.7401, 19.4862, 10.1138** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **39.0746, 60.1769, 61.7886**, and the grayscale version is **14.1497, 14.8866, 16.2115**.

A 20% lighter version of the original color is **51.3100, 34.7362, 25.8302**, and **15.8833, 8.1458, 2.6546** is the 20% darker color. If you saturate the color by 10%, you get **33.3497, 17.7085, 6.5589**, and if you desaturate by 10%, it is **36.8136, 22.3197, 14.8551**.

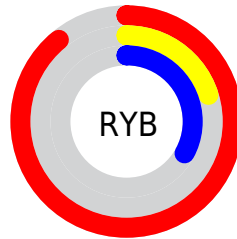
Distribution



Red (89%)

Green (20%)

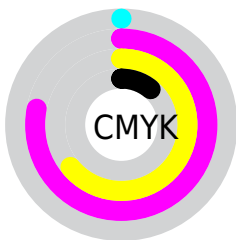
Blue (33%)



Red (89%)

Yellow (20%)

Blue (33%)

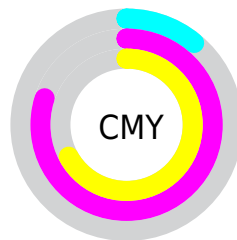


Cyan (0%)

Magenta (78%)

Yellow (64%)

Black (11%)



Cyan (11%)


Magenta (80%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7401, 19.4862, 10.1138 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 34.7401, 19.4862, 10.1138 by changing the saturation by 10% instead.


 34.7401, 19.4862,
10.1138


 34.7401, 19.4862,
10.1138


314.9478,
249.1199, 201.9966


 23.6283, 12.0221,
5.3679


 66.4196, 42.5541,
26.6205


 15.1814, 6.7587,
2.4022


 87.7181, 58.9266,
39.2183

 9.0339, 3.3117,
0.7876


 113.1428, 79.0375,
55.2706

 4.8206, 1.2965,
0.0000

 143.0591,
103.2710, 75.1958

 2.1761, 0.1385,
0.0000

 177.8324,
132.0116, 99.4124

 0.7301, 0.0000,
0.0000

217.8281,

 0.0000, 0.0000,

165.6437, 128.3391

0.0000

263.4114,
204.5517, 162.3943

■ 34.7401, 19.4862,
10.1138

■ 34.7401, 19.4862,
10.1138

■ 33.3497, 17.7085,
6.5589

■ 36.8136, 22.3197,
14.8551

■ 32.5396, 16.8059,
4.0767


■ 39.6459, 26.3370,
20.8778


■ 32.3986, 16.6554,
3.6239


■ 43.3040, 31.6516,
28.2679


■ 47.8470, 38.3627,
37.1035

■ 53.3283, 46.5597,
47.4569

 59.7973, 56.3246,
59.3954

 67.2998, 67.7335,
72.9820

 75.8785, 80.8575,
88.2766

 85.1855, 94.9862,
105.2063

Harmonies

Analogous

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



35.8086, 19.4862, 28.3990



34.7401, 19.4862, 10.1138



28.7783, 19.4862, 2.9645

Triad

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



34.7401, 19.4862, 10.1138



9.7542, 19.4862, 4.6843



16.3441, 19.4862, 89.2804

Complementary

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



34.7401, 19.4862, 10.1138



39.0746, 60.1769, 61.7886

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.



11.0465, 19.4862, 68.9343



34.7401, 19.4862, 10.1138



7.9463, 19.4862, 15.3614

Square

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



34.7401, 19.4862, 10.1138



14.0707, 19.4862, 1.5368



8.3485, 19.4862, 38.4169



23.8229, 19.4862, 84.1892

Rectangle

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



34.7401, 19.4862, 10.1138



23.5185, 19.4862, 1.4905



8.3485, 19.4862, 38.4169



14.2870, 19.4862, 84.8663

Sweetspot

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



34.7406, 19.4874, 10.1141



72.3153, 65.4005, 67.8113



37.8366, 19.6461, 75.1963



14.8534, 13.0568, 13.3551



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.



34.7406, 19.4874, 10.1141



42.2884, 22.0216, 6.3957



37.8565, 27.2609, 6.4003



14.4828, 14.4103, 15.4769



18.7393, 9.6299, 2.2562



1.4157, 0.7240, 0.3298

Inverse Universe

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



34.7406, 19.4874, 10.1141



42.2884, 22.0216, 6.3957



30.1133, 35.7932, 78.7201



14.4828, 14.4103, 15.4769



18.7393, 9.6299, 2.2562



1.4157, 0.7240, 0.3298

Previews

White Background



This preview shows how the XYZ color 34.7401, 19.4862, 10.1138 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 34.7401, 19.4862, 10.1138 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 34.7401, 19.4862, 10.1138

Background



This preview shows how black text looks on a background with the XYZ color 34.7401, 19.4862, 10.1138.



This preview shows how white text looks on a background with the XYZ color 34.7401, 19.4862,

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

34.7401, 19.4862, 10.1138

Protanopia

18.6926, 19.6233, 18.4253

Deuteranopia

19.9917, 19.6066, 9.2093



Tritanopia

33.8564, 19.4647, 5.9756

Trichromacy



Original Color

34.7401, 19.4862, 10.1138

Protanomaly

21.8910, 17.2176, 14.7399

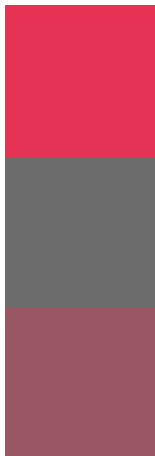
Deuteranomaly

23.6140, 17.8295, 9.2180

Tritanomaly

34.0108, 19.3745, 7.2573

Monochromacy



Original Color

34.7401, 19.4862, 10.1138

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

18.6092, 14.3926, 13.6016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7401, 19.4862, 10.1138 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(228, 51, 83)` looks like.

```
.text, #text, p{  
    color:rgb(228, 51, 83)  
}
```

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(228, 51, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 51, 83) }
```

Border

The CSS property to change the border of an element to XYZ 34.7401, 19.4862, 10.1138 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(228, 51, 83) }
```


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

```
.border{ border-color:rgb(228, 51, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 51, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 51, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 51, 83);  
box-shadow:4px 4px 4px 4px rgb(228, 51,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7401, 19.4862, 10.1138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 51, 83) }
```

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

```
.background{ background-color: rgb(228, 51,  
83) }
```

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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