

Converting Colors

XYZ(35.0498, 19.4438, 10.7098)

Have a look what the booklet for
XYZ(35.0498, 19.4438, 10.7098)
contains.

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Color

**XYZ(35.0498, 19.4438,
10.7098)**

Conversions

Conversions Part 1

Format	Color
Hex	E53056
RGB	229, 48, 86
RGB Percent	90%, 19%, 34%
CMY	0.1020, 0.8117, 0.6627
CMYK	0.00, 0.79, 0.62, 0.10
HSL	347°, 78%, 54%
HSV	347°, 79%, 90%
XYZ	35.0498, 19.4438, 10.7098
YIQ	106.4510, 95.6780, 50.1900

Conversions

Conversions Part 2

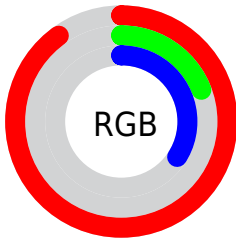
Format	Color
R_{YB}	229, 48, 86
Decimal	15020118
CIE Lab	51.20, 68.89, 23.54
CIE LCh	51, 72.799, 18.870
Yxy	19.4438, 0.5375, 0.2982
Android (android.graphics.Color)	4293210198 (0xFFE53056)
YUV	106.4510, -10.0823, 107.4755
Hunter-Lab	44.0951, 64.7175, 16.4663

Details

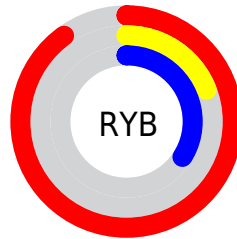
The XYZ color **35.0498, 19.4438, 10.7098** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **38.6443, 60.4293, 58.9256**, and the grayscale version is **13.8337, 14.5541, 15.8494**.

A 20% lighter version of the original color is **51.2976, 34.3781, 26.8536**, and **16.1261, 8.2671, 2.8436** is the 20% darker color. If you saturate the color by 10%, you get **33.7036, 17.7744, 7.1084**, and if you desaturate by 10%, it is **37.0643, 22.1550, 15.4446**.

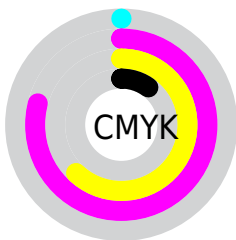
Distribution



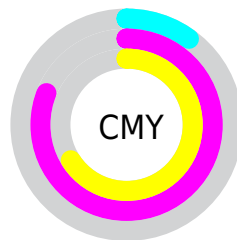
- Red (90%)
- Green (19%)
- Blue (34%)



- Red (90%)
- Yellow (19%)
- Blue (34%)



- Cyan (0%)
- Magenta (79%)
- Yellow (62%)
- Black (10%)





- Cyan (10%)
- Magenta (81%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0498, 19.4438, 10.7098 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 35.0498, 19.4438, 10.7098 by changing the saturation by 10% instead.

 35.0498, 19.4438,
10.7098


 35.0498, 19.4438,
10.7098


316.2923,
248.8880, 206.3311


 23.8679, 11.9914,
5.7603


 66.8964, 42.4827,
27.7507

 15.3599, 6.7378,
2.6335


 88.2919, 58.8379,
40.6792


 9.1603, 3.2987,
0.9097


 113.8226, 78.9296,
57.1044

 4.9038, 1.2896,
0.0000

 143.8539,
103.1421, 77.4450

 2.2251, 0.1331,
0.0000

 178.7512,
131.8598, 102.1194

 0.7559, 0.0000,
0.0000

218.8798,

 0.0000, 0.0000,

165.4671, 131.5462

0.0000

264.6050,
204.3483, 166.1439

■ 35.0498, 19.4438,
10.7098

■ 35.0498, 19.4438,
10.7098

■ 33.7036, 17.7744,
7.1084

■ 37.0643, 22.1550,
15.4446

■ 32.9087, 16.9347,
4.5308

■ 39.8237, 26.0403,
21.4007


■ 32.8478, 16.8719,
4.3285


■ 43.3955, 31.2159,
28.6580


■ 47.8387, 37.7833,
37.2888

■ 53.2071, 45.8335,
47.3603

 59.5497, 55.4500,
58.9350

 66.9122, 66.7099,
72.0718

 75.3374, 79.6853,
86.8262

 84.8656, 94.4441,
103.2511

Harmonies

Analogous

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



35.8009, 19.4438, 29.8464



35.0498, 19.4438, 10.7098



29.2446, 19.4438, 3.0943

Triad

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



35.0498, 19.4438, 10.7098



9.8469, 19.4438, 4.2760



15.9194, 19.4438, 89.4244

Complementary

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



35.0498, 19.4438, 10.7098



38.6443, 60.4293, 58.9256

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.



10.7471, 19.4438, 67.6969



35.0498, 19.4438, 10.7098



7.9033, 19.4438, 14.3642

Square

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



35.0498, 19.4438, 10.7098



14.3307, 19.4438, 1.4112



8.1828, 19.4438, 36.8774



23.3634, 19.4438, 85.8308

Rectangle

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



35.0498, 19.4438, 10.7098



23.9725, 19.4438, 1.5016



8.1828, 19.4438, 36.8774



13.8991, 19.4438, 84.4691

Sweetspot

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



35.0503, 19.4450, 10.7101



71.7064, 64.2422, 67.4247



36.3822, 18.6919, 75.8188



14.7458, 12.8390, 13.3270



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.



35.0503, 19.4450, 10.7101



42.2947, 21.9071, 6.7895



37.3365, 25.8509, 5.8198



14.5001, 14.4172, 15.5681



18.8163, 9.6607, 2.6617



1.4239, 0.7273, 0.3730

Inverse Universe

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



35.0503, 19.4450, 10.7101



42.2947, 21.9071, 6.7895



31.2273, 38.0156, 79.8203



14.5001, 14.4172, 15.5681



18.8163, 9.6607, 2.6617



1.4239, 0.7273, 0.3730

Previews

White Background



This preview shows how the XYZ color 35.0498, 19.4438, 10.7098 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 35.0498, 19.4438, 10.7098 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 35.0498, 19.4438, 10.7098

Background



This preview shows how black text looks on a background with the XYZ color 35.0498, 19.4438, 10.7098.



This preview shows how white text looks on a background with the XYZ color 35.0498, 19.4438,

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

35.0498, 19.4438, 10.7098

Protanopia

18.8337, 19.6627, 19.9422

Deuteranopia

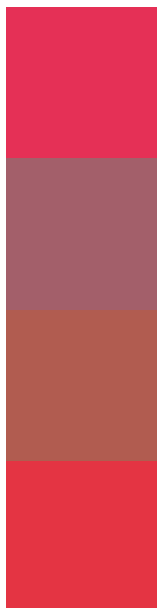
19.9136, 19.5543, 9.7460



Tritanopia

34.0749, 19.5119, 5.7116

Trichromacy



Original Color

35.0498, 19.4438, 10.7098

Protanomaly

21.7980, 17.0116, 15.7703

Deuteranomaly

23.4066, 17.5806, 9.7491

Tritanomaly

34.2360, 19.3552, 7.2417

Monochromacy



Original Color

35.0498, 19.4438, 10.7098

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

18.2631, 13.9772, 13.5397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0498, 19.4438, 10.7098 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(229, 48, 86)` looks like.

```
.text, #text, p{  
  color:rgb(229, 48, 86)  
}
```

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(229, 48, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 48, 86) }
```

Border

The CSS property to change the border of an element to XYZ 35.0498, 19.4438, 10.7098 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(229, 48, 86) }
```


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

```
.border{ border-color:rgb(229, 48, 86) }
```

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

Here you see how a box with a 4 pixel rgb(229, 48, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 48, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 48, 86);  
box-shadow:4px 4px 4px 4px rgb(229, 48,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0498, 19.4438, 10.7098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 48, 86) }
```

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

```
.background{ background-color: rgb(229, 48,  
86) }
```

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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