

Converting Colors

XYZ(35.3089, 19.4618, 4.4440)

Have a look what the booklet for
XYZ(35.3089, 19.4618, 4.4440)
contains.

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Color

**XYZ(35.3255, 19.4910,
4.4851)**

Conversions

Conversions Part 1

Format	Color
Hex	EA2C2E
RGB	234, 44, 46
RGB Percent	92%, 17%, 18%
CMY	0.0824, 0.8274, 0.8196
CMYK	0.00, 0.81, 0.80, 0.08
HSL	359°, 82%, 55%
HSV	359°, 81%, 92%
XYZ	35.3255, 19.4910, 4.4851
YIQ	101.0380, 112.5980, 40.9020

Conversions

Conversions Part 2

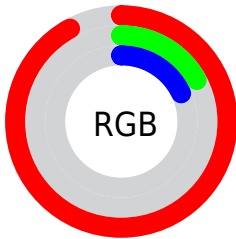
Format	Color
RYB	234, 44, 46
Decimal	15346734
CIELab	51.26, 69.59, 46.89
CIElCh	51, 83.912, 33.971
Yxy	19.4910, 0.5957, 0.3287
Android (android.graphics.Color)	4293536814 (0xFFEA2C2E)
YUV	101.0380, -27.1337, 116.6077
Hunter-Lab	44.1486, 65.5667, 24.8807

Details

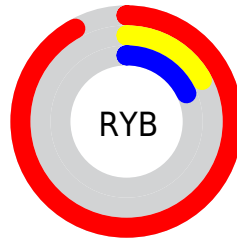
The XYZ color **35.3255, 19.4910, 4.4851** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **45.0297, 65.2081, 86.5684**, and the grayscale version is **12.4289, 13.0762, 14.2400**.

A 20% lighter version of the original color is **48.6844, 32.9876, 14.1572**, and **16.3622, 8.4350, 0.7657** is the 20% darker color. If you saturate the color by 10%, you get **34.3457, 18.0759, 2.4813**, and if you desaturate by 10%, it is **37.0425, 21.9880, 7.9475**.

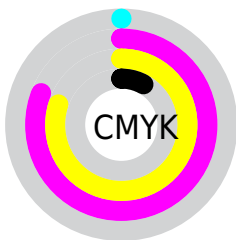
Distribution



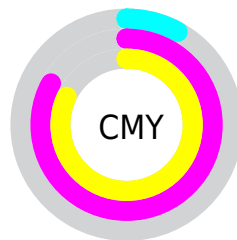
- Red (92%)
- Green (17%)
- Blue (18%)



- Red (92%)
- Yellow (17%)
- Blue (18%)



- Cyan (0%)
- Magenta (81%)
- Yellow (80%)
- Black (8%)





- Cyan (8%)
- Magenta (83%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3255, 19.4910, 4.4851 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 35.3255, 19.4910, 4.4851 by changing the saturation by 10% instead.


 35.3255, 19.4910,
4.4851


 35.3255, 19.4910,
4.4851


317.4856,
249.1461, 153.4736


 24.0814, 12.0256,
1.8951


 67.3204, 42.5621,
15.1139

 15.5191, 6.7611,
0.4896


 88.8020, 58.9367,
23.9898

 9.2732, 3.3132,
0.0000


 114.4267, 79.0497,
35.7981

 4.9783, 1.2973,
0.0000

 144.5600,
103.2856, 50.9572

 2.2692, 0.1391,
0.0000

 179.5671,
132.0288, 69.8858

 0.7788, 0.0000,
0.0000

 219.8136,

 0.0000, 0.0000,

165.6637, 93.0024

0.0000

265.6646,
204.5747, 120.7255

■ 35.3255, 19.4910,
4.4851

■ 35.3255, 19.4910,
4.4851

■ 34.3457, 18.0759,
2.4813

■ 37.0425, 21.9880,
7.9475


■ 33.9448, 17.4977,
1.6585


■ 39.6023, 25.7214,
13.0744


■ 43.0948, 30.8245,
20.0395


■ 47.5978, 37.4126,
28.9947

■ 53.1812, 45.5887,
40.0760

 59.9087, 55.4467,
53.4074

 67.8389, 67.0732,
69.1035

 77.0265, 80.5488,
87.2711

 87.5229, 95.9493,
108.0102

Harmonies

Analogous

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



39.6539, 19.4910, 18.1889



35.3255, 19.4910, 4.4851



26.5195, 19.4910, 0.9069

Triad

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



35.3255, 19.4910, 4.4851



7.5042, 19.4910, 6.7455



19.6622, 19.4910, 108.3461

Complementary

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



35.3255, 19.4910, 4.4851



45.0297, 65.2081, 86.5684

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.



12.3250, 19.4910, 95.3745



35.3255, 19.4910, 4.4851



6.6654, 19.4910, 24.5757

Square

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



35.3255, 19.4910, 4.4851



10.9121, 19.4910, 1.3570



8.1307, 19.4910, 58.7785



29.0468, 19.4910, 86.9466

Rectangle

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



35.3255, 19.4910, 4.4851



20.2671, 19.4910, 0.3444



8.1307, 19.4910, 58.7785



16.8869, 19.4910, 107.9191

Sweetspot

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



35.3259, 19.4922, 4.4854



70.2743, 63.6694, 59.8835



48.6536, 24.7042, 80.0454



14.4122, 12.7055, 11.5703



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.



35.3259, 19.4922, 4.4854



41.3791, 21.4485, 2.2529



43.1683, 35.2381, 6.9110



15.0719, 15.0566, 15.6638



19.0781, 9.8339, 0.9469



1.5003, 0.7731, 0.0862

Inverse Universe

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



35.3259, 19.4922, 4.4854



41.3791, 21.4485, 2.2529



25.5896, 25.8743, 81.4869



15.0719, 15.0566, 15.6638



19.0781, 9.8339, 0.9469



1.5003, 0.7731, 0.0862

Previews

White Background



This preview shows how the XYZ color 35.3255, 19.4910, 4.4851 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 35.3255, 19.4910, 4.4851 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 35.3255, 19.4910, 4.4851

Background



This preview shows how black text looks on a background with the XYZ color 35.3255, 19.4910, 4.4851.



This preview shows how white text looks on a background with the XYZ color 35.3255, 19.4910,

4.4851.

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

35.3255, 19.4910, 4.4851

Protanopia

18.0878, 19.7221, 8.1636

Deuteranopia

19.7936, 19.4495, 3.8733



Tritanopia

35.2870, 19.4756, 4.2822

Trichromacy



Original Color

35.3255, 19.4910, 4.4851

Protanomaly

21.5867, 16.9791, 6.2772

Deuteranomaly

23.4880, 17.5010, 3.7302

Tritanomaly

35.3060, 19.4833, 4.3824

Monochromacy



Original Color

35.3255, 19.4910, 4.4851

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

16.7483, 12.7210, 9.3572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3255, 19.4910, 4.4851 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, 44, 46)` looks like.

```
.text, #text, p{  
    color:rgb(234, 44, 46)  
}
```

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, 44, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 44, 46) }
```

Border

The CSS property to change the border of an element to XYZ 35.3255, 19.4910, 4.4851 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, 44, 46) }
```


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

```
.border{ border-color:rgb(234, 44, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 44, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 44, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 44, 46);  
box-shadow:4px 4px 4px 4px rgb(234, 44,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3255, 19.4910, 4.4851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 44, 46) }
```

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

```
.background{ background-color: rgb(234, 44,  
46) }
```

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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