

Converting Colors

XYZ(35.4803, 19.1418, 4.3709)

Have a look what the booklet for
XYZ(35.4803, 19.1418, 4.3709)
contains.

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Color

**XYZ(35.3551, 19.0615,
4.4006)**

Conversions

Conversions Part 1

Format	Color
Hex	EB232E
RGB	235, 35, 46
RGB Percent	92%, 14%, 18%
CMY	0.0784, 0.8627, 0.8196
CMYK	0.00, 0.85, 0.80, 0.08
HSL	357°, 83%, 53%
HSV	357°, 85%, 92%
XYZ	35.3551, 19.0615, 4.4006
YIQ	96.0540, 115.6690, 45.8210

Conversions

Conversions Part 2

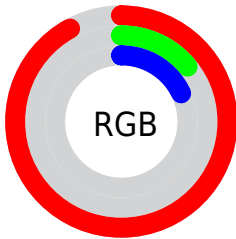
Format	Color
R_{YB}	235, 35, 46
Decimal	15409966
CIE _{Lab}	50.76, 71.84, 46.47
CIE _{LCh}	51, 85.554, 32.897
Yxy	19.0615, 0.6011, 0.3241
Android (android.graphics.Color)	4293600046 (0xFFEB232E)
YUV	96.0540, -24.6766, 121.8556
Hunter-Lab	43.6595, 68.1438, 24.5856

Details

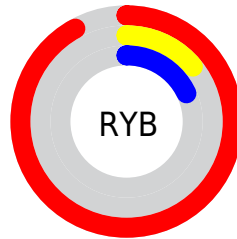
The XYZ color **35.3551, 19.0615, 4.4006** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **43.8594, 65.1568, 80.8011**, and the grayscale version is **11.1723, 11.7541, 12.8003**.

A 20% lighter version of the original color is **48.1661, 31.9509, 13.9844**, and **16.5776, 8.5460, 0.7758** is the 20% darker color. If you saturate the color by 10%, you get **34.5491, 17.9786, 2.5021**, and if you desaturate by 10%, it is **36.8500, 21.1611, 7.6449**.

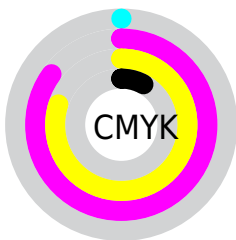
Distribution



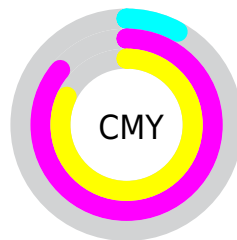
- Red (92%)
- Green (14%)
- Blue (18%)



- Red (92%)
- Yellow (14%)
- Blue (18%)



- Cyan (0%)
- Magenta (85%)
- Yellow (80%)
- Black (8%)





- Cyan (8%)
- Magenta (86%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3551, 19.0615, 4.4006 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 35.3551, 19.0615, 4.4006 by changing the saturation by 10% instead.


 35.3551, 19.0615,
4.4006


 35.3551, 19.0615,
4.4006


317.6136,
246.7881, 152.5791


 24.1043, 11.7147,
1.8476


 67.3659, 41.8380,
14.9236


 15.5362, 6.5497,
0.4591


 88.8567, 58.0365,
23.7307

 9.2853, 3.1821,
0.0000


 114.4915, 77.9544,
35.4595

 4.9863, 1.2276,
0.0000

 144.6357,
101.9760, 50.5287

 2.2739, 0.0840,
0.0000

 179.6546,
130.4858, 69.3566

 0.7813, 0.0000,
0.0000

 219.9137,

 0.0000, 0.0000,

163.8681, 92.3620

0.0000

265.7782,
202.5074, 119.9633

■ 35.3551, 19.0615,
4.4006

■ 35.3551, 19.0615,
4.4006

■ 34.5491, 17.9786,
2.5021

■ 36.8500, 21.1611,
7.6449


■ 34.3327, 17.6908,
1.9825


■ 39.1431, 24.4454,
12.4223


■ 42.3255, 29.0559,
18.8914


■ 46.4758, 35.1133,
27.1907

■ 51.6640, 42.7245,
37.4444

 57.9534, 51.9867,
49.7658

 65.4025, 62.9889,
64.2596

 74.0654, 75.8137,
81.0233

 83.9931, 90.5387,
100.1488

Harmonies

Analogous

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



39.5231, 19.0615, 18.5027



35.3551, 19.0615, 4.4006



26.5220, 19.0615, 0.7940

Triad

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



35.3551, 19.0615, 4.4006



7.2036, 19.0615, 6.0039



18.9463, 19.0615, 109.7782

Complementary

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



35.3551, 19.0615, 4.4006



43.8594, 65.1568, 80.8011

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.



11.7073, 19.0615, 95.2245



35.3551, 19.0615, 4.4006



6.2962, 19.0615, 23.1825

Square

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



35.3551, 19.0615, 4.4006



10.6816, 19.0615, 1.1023



7.6542, 19.0615, 57.4037



28.3877, 19.0615, 88.9117

Rectangle

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



35.3551, 19.0615, 4.4006



20.1901, 19.0615, 0.1831



7.6542, 19.0615, 57.4037



16.1917, 19.0615, 108.8818

Sweetspot

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



35.3555, 19.0627, 4.4009



68.9252, 61.3471, 58.2751



45.6194, 22.6786, 80.5696



14.1664, 12.2665, 11.3262



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.



35.3555, 19.0627, 4.4009



41.3193, 21.2917, 2.3473



41.4846, 31.6239, 5.5095



15.0990, 15.0674, 15.8066



19.1222, 9.8516, 1.1791



1.5134, 0.7783, 0.1549

Inverse Universe

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



35.3555, 19.0627, 4.4009



41.3193, 21.2917, 2.3473



26.3329, 27.6433, 82.5444



15.0990, 15.0674, 15.8066



19.1222, 9.8516, 1.1791



1.5134, 0.7783, 0.1549

Previews

White Background



This preview shows how the XYZ color 35.3551, 19.0615, 4.4006 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 35.3551, 19.0615, 4.4006 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 35.3551, 19.0615, 4.4006

Background



This preview shows how black text looks on a background with the XYZ color 35.3551, 19.0615, 4.4006.



This preview shows how white text looks on a background with the XYZ color 35.3551, 19.0615,

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

35.3551, 19.0615, 4.4006

Protanopia

17.7066, 19.3353, 8.4291

Deuteranopia

19.4894, 19.1225, 3.8262



Tritanopia

35.2259, 19.1067, 3.4214

Trichromacy



Original Color

35.3551, 19.0615, 4.4006

Protanomaly

21.0760, 16.1953, 6.4301

Deuteranomaly

23.1596, 16.8442, 3.6207

Tritanomaly

35.2580, 19.0704, 3.7421

Monochromacy



Original Color

35.3551, 19.0615, 4.4006

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

15.8565, 11.6507, 8.6208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3551, 19.0615, 4.4006 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, 35, 46)` looks like.

```
.text, #text, p{  
  color:rgb(235, 35, 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(235, 35, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 35, 46) }
```

Border

The CSS property to change the border of an element to XYZ 35.3551, 19.0615, 4.4006 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, 35, 46) }
```


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

```
.border{ border-color:rgb(235, 35, 46) }
```

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

Here you see how a box with a 4 pixel rgb(235, 35, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 35, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 35, 46);  
box-shadow:4px 4px 4px 4px rgb(235, 35,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3551, 19.0615, 4.4006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 35, 46) }
```

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

```
.background{ background-color: rgb(235, 35,  
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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