

Converting Colors

XYZ(35.4103, 19.4807, 4.1058)

Have a look what the booklet for
XYZ(35.4103, 19.4807, 4.1058)
contains.

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Color

**XYZ(35.5427, 19.5571,
4.0921)**

Conversions

Conversions Part 1

Format	Color
Hex	EB2B2A
RGB	235, 43, 42
RGB Percent	92%, 17%, 16%
CMY	0.0784, 0.8313, 0.8353
CMYK	0.00, 0.82, 0.82, 0.08
HSL	0°, 83%, 54%
HSV	0°, 82%, 92%
XYZ	35.5427, 19.5571, 4.0921
YIQ	100.2940, 114.7530, 40.3930

Conversions

Conversions Part 2

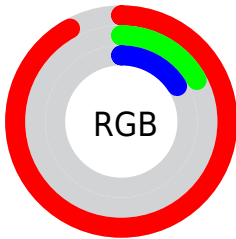
Format	Color
RYB	235, 43, 42
Decimal	15412010
CIELab	51.33, 70.00, 49.10
CIELCh	51, 85.501, 35.047
Yxy	19.5571, 0.6005, 0.3304
Android (android.graphics.Color)	4293602090 (0xFFEB2B2A)
YUV	100.2940, -28.7389, 118.1372
Hunter-Lab	44.2234, 66.0709, 25.4701

Details

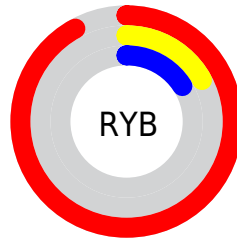
The XYZ color **35.5427, 19.5571, 4.0921** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **45.3675, 65.3251, 88.8144**, and the grayscale version is **12.2411, 12.8786, 14.0248**.

A 20% lighter version of the original color is **48.4057, 32.7064, 13.2129**, and **16.5776, 8.5460, 0.7758** is the 20% darker color. If you saturate the color by 10%, you get **34.6178, 18.1951, 2.2814**, and if you desaturate by 10%, it is **37.2007, 21.9922, 7.3617**.

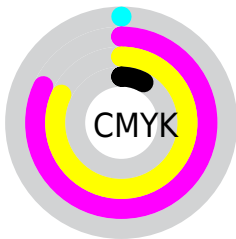
Distribution



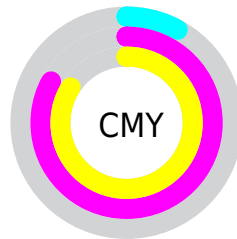
- Red (92%)
- Green (17%)
- Blue (16%)



- Red (92%)
- Yellow (17%)
- Blue (16%)



- Cyan (0%)
- Magenta (82%)
- Yellow (82%)
- Black (8%)





- Cyan (8%)
- Magenta (83%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5427, 19.5571, 4.0921 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 35.5427, 19.5571, 4.0921 by changing the saturation by 10% instead.

 35.5427, 19.5571,
4.0921


 35.5427, 19.5571,
4.0921


318.4235,
249.5072, 149.2436


 24.2497, 12.0735,
1.6760


 67.6541, 42.6734,
14.2216


 15.6447, 6.7938,
0.3442


 89.2033, 59.0748,
22.7721


 9.3623, 3.3335,
0.0000


 114.9019, 79.2177,
34.2045

 5.0373, 1.3082,
0.0000

 145.1152,
103.4864, 48.9373

 2.3041, 0.1475,
0.0000

 180.2087,
132.2653, 67.3891

 0.7968, 0.0000,
0.0000

 220.5477,

 0.0000, 0.0000,

165.9388, 89.9784

0.0000

266.4975,
204.8914, 117.1237

■ 35.5427, 19.5571,
4.0921

■ 35.5427, 19.5571,
4.0921

■ 34.6178, 18.1951,
2.2814

■ 37.2007, 21.9922,
7.3617


■ 34.2741, 17.6889,
1.6079


■ 39.7007, 25.6570,
12.3112


■ 43.1347, 30.6861,
19.1253


■ 47.5826, 37.1955,
27.9643

■ 53.1154, 45.2891,
38.9712

 59.7981, 55.0613,
52.2761

 67.6903, 66.5991,
67.9989

 76.8478, 79.9836,
86.2511

 87.3225, 95.2907,
107.1372

Harmonies

Analogous

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



40.2253, 19.5571, 17.4177



35.5427, 19.5571, 4.0921



26.4163, 19.5571, 0.7680

Triad

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



35.5427, 19.5571, 4.0921



7.3178, 19.5571, 6.9738



20.0714, 19.5571, 110.9541

Complementary

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



35.5427, 19.5571, 4.0921



45.3675, 65.3251, 88.8144

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.



12.4834, 19.5571, 98.7771



35.5427, 19.5571, 4.0921



6.5563, 19.5571, 25.7073

Square

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



35.5427, 19.5571, 4.0921



10.6604, 19.5571, 1.3328



8.1218, 19.5571, 61.3503



29.7084, 19.5571, 87.7063

Rectangle

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



35.5427, 19.5571, 4.0921



20.0433, 19.5571, 0.2323



8.1218, 19.5571, 61.3503



17.2058, 19.5571, 110.9742

Sweetspot

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



35.5431, 19.5583, 4.0924



69.4304, 62.5505, 57.8486



50.0839, 25.3161, 80.8433



14.2508, 12.4962, 11.1672



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.



35.5431, 19.5583, 4.0924



41.2961, 21.3499, 2.0176



43.8389, 36.1499, 6.8576



15.0719, 15.0668, 15.6325



19.0782, 9.8505, 0.8958



1.5003, 0.7780, 0.0711

Inverse Universe

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



45.3675, 65.3251, 88.8144



53.4185, 77.9096, 106.8304



25.1105, 24.8111, 82.0621



15.5105, 17.1075, 19.4068



24.6860, 36.0191, 49.3943



1.9407, 2.8328, 3.8794

Previews

White Background



This preview shows how the XYZ color 35.5427, 19.5571, 4.0921 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 35.5427, 19.5571, 4.0921 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 35.5427, 19.5571, 4.0921

Background



This preview shows how black text looks on a background with the XYZ color 35.5427, 19.5571, 4.0921.



This preview shows how white text looks on a background with the XYZ color 35.5427, 19.5571,

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

35.5427, 19.5571, 4.0921

Protanopia

18.1335, 19.7590, 7.5608

Deuteranopia

20.0237, 19.7491, 3.5156



Tritanopia

35.5427, 19.5571, 4.0921

Trichromacy



Original Color

35.5427, 19.5571, 4.0921

Protanomaly

21.7055, 17.0519, 5.7618

Deuteranomaly

23.6451, 17.5914, 3.3116

Tritanomaly

35.5427, 19.5571, 4.0921

Monochromacy



Original Color

35.5427, 19.5571, 4.0921

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

16.6017, 12.5460, 8.9438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5427, 19.5571, 4.0921 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, 43, 42)` looks like.

```
.text, #text, p{  
    color:rgb(235, 43, 42)  
}
```

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, 43, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 43, 42) }
```

Border

The CSS property to change the border of an element to XYZ 35.5427, 19.5571, 4.0921 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, 43, 42) }
```


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

```
.border{ border-color:rgb(235, 43, 42) }
```

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

Here you see how a box with a 4 pixel rgb(235, 43, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 43, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 43, 42);  
box-shadow:4px 4px 4px 4px rgb(235, 43,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5427, 19.5571, 4.0921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 43, 42) }
```

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

```
.background{ background-color: rgb(235, 43,  
42) }
```

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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