

Converting Colors

XYZ(35.2471, 19.3355, 2.1888)

Have a look what the booklet for
XYZ(35.2471, 19.3355, 2.1888)
contains.

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Color

**XYZ(35.1143, 19.2722,
2.1858)**

Conversions

Conversions Part 1

Format	Color
Hex	EB290B
RGB	235, 41, 11
RGB Percent	92%, 16%, 4%
CMY	0.0784, 0.8391, 0.9569
CMYK	0.00, 0.83, 0.95, 0.08
HSL	8°, 91%, 48%
HSV	8°, 95%, 92%
XYZ	35.1143, 19.2722, 2.1858
YIQ	95.5860, 125.2540, 31.7980

Conversions

Conversions Part 2

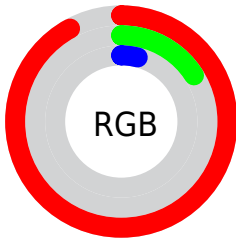
Format	Color
RYB	235, 46, 11
Decimal	15411467
CIELab	51.00, 69.96, 61.17
CIElCh	51, 92.931, 41.164
Yxy	19.2722, 0.6207, 0.3407
Android (android.graphics.Color)	4293601547 (0xFFEB290B)
YUV	95.5860, -41.7009, 122.2661
Hunter-Lab	43.9001, 65.9513, 27.7780

Details

The XYZ color **35.1143, 19.2722, 2.1858** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **36.9604, 49.7234, 86.2462**, and the grayscale version is **11.0966, 11.6745, 12.7135**.

A 20% lighter version of the original color is **47.4518, 32.1570, 8.7070**, and **16.3622, 8.4350, 0.7657** is the 20% darker color. If you saturate the color by 10%, you get **34.7636, 18.6679, 1.7710**, and if you desaturate by 10%, it is **36.2453, 21.1576, 3.7251**.

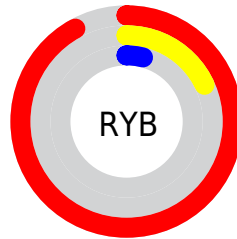
Distribution



Red (92%)

Green (16%)

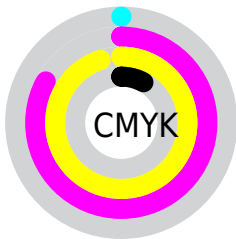
Blue (4%)



Red (92%)

Yellow (18%)

Blue (4%)

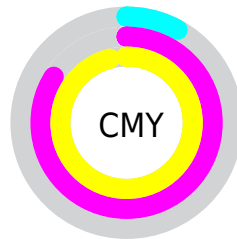


Cyan (0%)

Magenta (83%)

Yellow (95%)

Black (8%)



Cyan (8%)


Magenta (84%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1143, 19.2722, 2.1858 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 35.1143, 19.2722, 2.1858 by changing the saturation by 10% instead.


 35.1143, 19.2722,
2.1858


 35.1143, 19.2722,
2.1858


316.5717,
247.9474, 125.1983


 23.9179, 11.8671,
0.6662


 66.9957, 42.1935,
9.5428


 15.3971, 6.6533,
0.0000


 88.4113, 58.4786,
16.2469

 9.1867, 3.2462,
0.0000


 113.9640, 78.4925,
25.5262

 4.9212, 1.2616,
0.0000

 144.0192,
102.6195, 37.7991

 2.2354, 0.1112,
0.0000

 178.9422,
131.2441, 53.4842

 0.7613, 0.0000,
0.0000


 219.0984,


 0.0000, 0.0000,


164.7507, 73.0001


0.0000


 264.8531,
203.5237, 96.7653


 35.1143, 19.2722,
2.1858


 35.1143, 19.2722,
2.1858

 34.7636, 18.6679,
1.7710

 36.2453, 21.1576,
3.7251

 38.0207, 23.9601,
6.6241

 40.5232, 27.7805,
11.1100

 43.8221, 32.7050,
17.3682

 47.9785, 38.8107,
25.5582

■ 53.0476, 46.1675,
35.8219

■ 59.0795, 54.8401,
48.2877

■ 66.1211, 64.8885,
63.0736

■ 74.2159, 76.3690,
80.2893

Harmonies

Analogous

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



41.7178, 19.2722, 12.6271



35.1143, 19.2722, 2.1858



24.6402, 19.2722, 0.0000

Triad

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



35.1143, 19.2722, 2.1858



6.1615, 19.2722, 8.5130



21.9589, 19.2722, 120.1906

Complementary

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



35.1143, 19.2722, 2.1858



36.9604, 49.7234, 86.2462

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.



13.1813, 19.2722, 114.6634



35.1143, 19.2722, 2.1858



5.8701, 19.2722, 32.3954

Square

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



35.1143, 19.2722, 2.1858



8.9699, 19.2722, 1.2874



7.9702, 19.2722, 75.0806



32.5954, 19.2722, 86.8559

Rectangle

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



35.1143, 19.2722, 2.1858



17.9608, 19.2722, 0.0000



7.9702, 19.2722, 75.0806



18.6792, 19.2722, 123.2503

Sweetspot

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



35.1147, 19.2734, 2.1861



68.2077, 61.8423, 52.0848



45.4159, 22.3156, 59.7554



13.9439, 12.2938, 9.7963



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.



35.1147, 19.2734, 2.1861



41.8169, 22.4139, 2.1223



45.6906, 40.4251, 5.7114



15.2282, 15.3794, 15.6846



19.3998, 10.4939, 1.0030



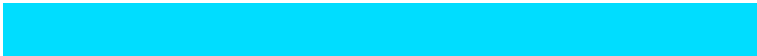
1.5752, 0.9277, 0.0960

Inverse Universe

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



36.9604, 49.7234, 86.2462



43.8612, 58.8423, 103.6537



19.0595, 13.9216, 80.2792



15.3355, 16.7575, 19.3485



20.3668, 27.3806, 47.9545



1.6470, 2.2455, 3.7815

Previews

White Background



This preview shows how the XYZ color 35.1143, 19.2722, 2.1858 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 35.1143, 19.2722, 2.1858 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 35.1143, 19.2722, 2.1858

Background



This preview shows how black text looks on a background with the XYZ color 35.1143, 19.2722, 2.1858.



This preview shows how white text looks on a background with the XYZ color 35.1143, 19.2722,

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

35.1143, 19.2722, 2.1858

Protanopia

17.5368, 19.3417, 4.1755

Deuteranopia

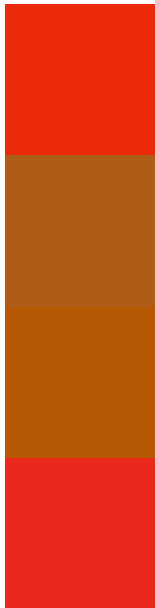
19.5718, 19.3608, 2.7055



Tritanopia

35.3204, 19.2468, 3.6037

Trichromacy



Original Color

35.1143, 19.2722, 2.1858

Protanomaly

21.3128, 16.7789, 2.9795

Deuteranomaly

23.1227, 17.2208, 2.2201

Tritanomaly

35.2293, 19.2636, 2.9601

Monochromacy



Original Color

35.1143, 19.2722, 2.1858

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

15.5712, 11.7536, 6.4490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1143, 19.2722, 2.1858 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, 41, 11)` looks like.

```
.text, #text, p{  
  color:rgb(235, 41, 11)  
}
```

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, 41, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 41, 11) }
```

Border

The CSS property to change the border of an element to XYZ 35.1143, 19.2722, 2.1858 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, 41, 11) }
```


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

```
.border{ border-color:rgb(235, 41, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 41, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 41, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 41, 11);  
box-shadow:4px 4px 4px 4px rgb(235, 41,  
11) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1143, 19.2722, 2.1858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 41, 11) }
```

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

```
.background{ background-color: rgb(235, 41,  
11) }
```

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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