

Converting Colors

XYZ(34.1415, 19.9422, 3.0175)

Have a look what the booklet for
XYZ(34.1415, 19.9422, 3.0175)
contains.

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Color

**XYZ(34.1154, 19.9643,
3.0327)**

Conversions

Conversions Part 1

Format	Color
Hex	E53C1A
RGB	229, 60, 26
RGB Percent	90%, 24%, 10%
CMY	0.1020, 0.7647, 0.8980
CMYK	0.00, 0.74, 0.89, 0.10
HSL	10°, 80%, 50%
HSV	10°, 89%, 90%
XYZ	34.1154, 19.9643, 3.0327
YIQ	106.6550, 111.6380, 25.2540

Conversions

Conversions Part 2

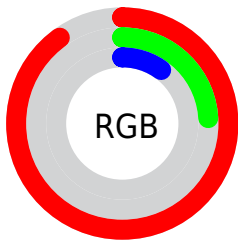
Format	Color
RYB	229, 67, 26
Decimal	15023130
CIELab	51.80, 63.11, 56.27
CIElCh	52, 84.550, 41.719
Yxy	19.9643, 0.5973, 0.3496
Android (android.graphics.Color)	4293213210 (0xFFE53C1A)
YUV	106.6550, -39.7629, 107.2966
Hunter-Lab	44.6814, 58.0968, 27.2528

Details

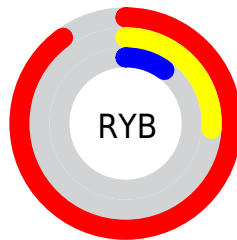
The XYZ color **34.1154, 19.9643, 3.0327** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **34.0812, 44.9016, 80.9987**, and the grayscale version is **13.9659, 14.6932, 16.0009**.

A 20% lighter version of the original color is **49.1413, 34.9755, 10.9984**, and **15.3098, 7.8925, 0.7165** is the 20% darker color. If you saturate the color by 10%, you get **33.1210, 18.2471, 1.8654**, and if you desaturate by 10%, it is **35.6666, 22.4817, 5.3544**.

Distribution



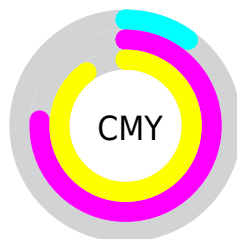
- Red (90%)
- Green (24%)
- Blue (10%)



- Red (90%)
- Yellow (26%)
- Blue (10%)



- Cyan (0%)
- Magenta (74%)
- Yellow (89%)
- Black (10%)





- Cyan (10%)
- Magenta (76%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1154, 19.9643, 3.0327 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 34.1154, 19.9643, 3.0327 by changing the saturation by 10% instead.


 34.1154, 19.9643,
3.0327


 34.1154, 19.9643,
3.0327


312.2232,
251.7218, 136.7760


 23.1456, 12.3691,
1.1114


 65.4562, 43.3573,
11.7090


 14.8223, 6.9956,
0.0000


 86.5579, 59.9239,
19.3011

 8.7803, 3.4593,
0.0000


 111.7675, 80.2498,
29.6205

 4.6541, 1.3760,
0.0000

 141.4505,
104.7193, 43.0857

 2.0784, 0.1989,
0.0000

 175.9722,
133.7169, 60.1153


 0.6774, 0.0000,
0.0000


 215.6980,


 0.0000, 0.0000,


167.6269, 81.1279


0.0000


 260.9932,
206.8337, 106.5419


 34.1154, 19.9643,
3.0327

 34.1154, 19.9643,
3.0327


 33.1210, 18.2471,
1.8654


 35.6666, 22.4817,
5.3544

 33.0178, 18.0677,
1.7472

 37.8568, 25.8846,
9.0979

 40.7497, 30.2484,
14.4462

 44.4008, 35.6396,
21.5545

 48.8596, 42.1183,
30.5596

■ 54.1715, 49.7403,
41.5847

■ 60.3785, 58.5572,
54.7427

■ 67.5195, 68.6176,
70.1379

■ 75.6315, 79.9675,
87.8680

Harmonies

Analogous

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



40.1028, 19.9643, 13.4956



34.1154, 19.9643, 3.0327



24.6250, 19.9643, 0.6308

Triad

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



34.1154, 19.9643, 3.0327



7.2393, 19.9643, 10.0447



22.5212, 19.9643, 108.3587

Complementary

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



34.1154, 19.9643, 3.0327



34.0812, 44.9016, 80.9987

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.



14.2637, 19.9643, 104.3316



34.1154, 19.9643, 3.0327



6.9857, 19.9643, 32.7949

Square

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



34.1154, 19.9643, 3.0327



9.9897, 19.9643, 2.1172



9.1455, 19.9643, 70.6627



32.1820, 19.9643, 79.3765

Rectangle

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



34.1154, 19.9643, 3.0327



18.4857, 19.9643, 0.3351



9.1455, 19.9643, 70.6627



19.4738, 19.9643, 111.1902

Sweetspot

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



34.1158, 19.9655, 3.0330



70.2411, 65.0561, 55.3930



42.5514, 21.3444, 53.6055



14.4967, 13.1568, 10.7282



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.



34.1158, 19.9655, 3.0330



42.0939, 22.9677, 2.2146



45.3025, 42.3388, 6.7619



14.5711, 14.7562, 14.9847



18.9370, 10.4481, 1.0186



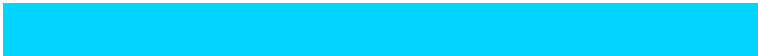
1.4580, 0.8893, 0.0948

Inverse Universe

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



34.0812, 44.9016, 80.9987



41.6626, 54.4451, 102.9209



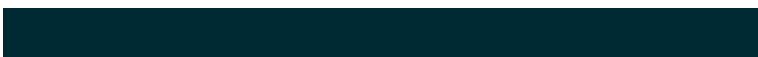
18.5420, 13.8231, 75.8190



14.5911, 15.9037, 18.4450



18.7694, 24.6009, 46.1424



1.4417, 1.9274, 3.4280

Previews

White Background



This preview shows how the XYZ color 34.1154, 19.9643, 3.0327 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 34.1154, 19.9643, 3.0327 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 34.1154, 19.9643, 3.0327

Background



This preview shows how black text looks on a background with the XYZ color 34.1154, 19.9643, 3.0327.



This preview shows how white text looks on a background with the XYZ color 34.1154, 19.9643,

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

34.1154, 19.9643, 3.0327

Protanopia

18.2554, 20.0644, 5.0085

Deuteranopia

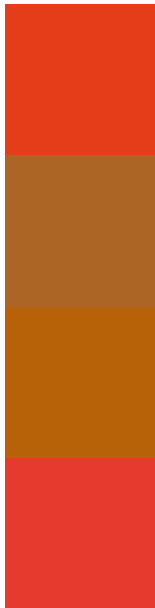
20.3831, 20.1250, 2.8102



Tritanopia

34.8600, 20.0547, 6.0366

Trichromacy



Original Color

34.1154, 19.9643, 3.0327

Protanomaly

21.9854, 18.2054, 4.0243

Deuteranomaly

23.8524, 18.6364, 2.5985

Tritanomaly

34.6393, 20.0464, 4.6284

Monochromacy



Original Color

34.1154, 19.9643, 3.0327

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

17.7938, 14.4417, 9.0574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1154, 19.9643, 3.0327 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, 60, 26)` looks like.

```
.text, #text, p{  
    color:rgb(229, 60, 26)  
}
```

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, 60, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 60, 26) }
```

Border

The CSS property to change the border of an element to XYZ 34.1154, 19.9643, 3.0327 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, 60, 26) }
```


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

```
.border{ border-color:rgb(229, 60, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 60, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 60, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 60, 26);  
box-shadow:4px 4px 4px 4px rgb(229, 60,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1154, 19.9643, 3.0327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 60, 26) }
```

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

```
.background{ background-color: rgb(229, 60,  
26) }
```

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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