

Converting Colors

XYZ(34.2524, 19.2619, 2.3338)

Have a look what the booklet for
XYZ(34.2524, 19.2619, 2.3338)
contains.

XYZ(34.1326, 19.2173, 2.3258)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.1326, 19.2173,
2.3258)**

Conversions

Conversions Part 1

Format	Color
Hex	E7310E
RGB	231, 49, 14
RGB Percent	91%, 19%, 5%
CMY	0.0941, 0.8078, 0.9451
CMYK	0.00, 0.79, 0.94, 0.09
HSL	10°, 89%, 48%
HSV	10°, 94%, 91%
XYZ	34.1326, 19.2173, 2.3258
YIQ	99.4280, 119.7070, 27.6990

Conversions

Conversions Part 2

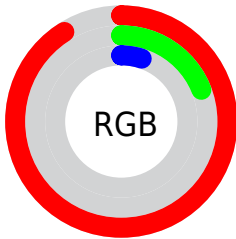
Format	Color
R_{YB}	231, 56, 14
Decimal	15151374
CIE Lab	50.94, 66.86, 59.92
CIE LCh	51, 89.783, 41.868
Yxy	19.2173, 0.6131, 0.3452
Android (android.graphics.Color)	4293341454 (0xFFE7310E)
YUV	99.4280, -42.1160, 115.3886
Hunter-Lab	43.8375, 62.2672, 27.5406

Details

The XYZ color **34.1326, 19.2173, 2.3258** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **34.3414, 45.3360, 82.5414**, and the grayscale version is **12.0518, 12.6794, 13.8079**.

A 20% lighter version of the original color is **47.9376, 33.0341, 9.1598**, and **15.7259, 8.1070, 0.7360** is the 20% darker color. If you saturate the color by 10%, you get **33.6248, 18.3290, 1.7656**, and if you desaturate by 10%, it is **35.3810, 21.3044, 4.0061**.

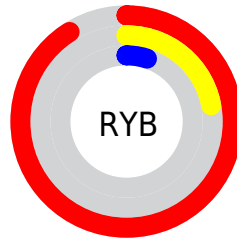
Distribution



Red (91%)

Green (19%)

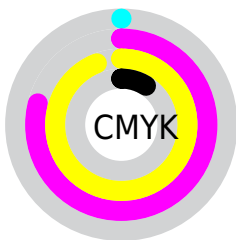
Blue (5%)



Red (91%)

Yellow (22%)

Blue (5%)

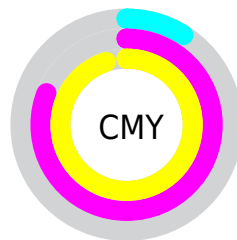


Cyan (0%)

Magenta (79%)

Yellow (94%)

Black (9%)



Cyan (9%)


Magenta (81%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1326, 19.2173, 2.3258 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 34.1326, 19.2173, 2.3258 by changing the saturation by 10% instead.


 34.1326, 19.2173,
2.3258


 34.1326, 19.2173,
2.3258


312.2984,
247.6458, 127.2467


 23.1589, 11.8274,
0.7456


 65.4827, 42.1010,
9.9138


 14.8322, 6.6263,
0.0000


 86.5898, 58.3635,
16.7748


 8.7872, 3.2295,
0.0000


 111.8055, 78.3524,
26.2385

 4.6587, 1.2527,
0.0000

 141.4949,
102.4520, 38.7234

 2.0811, 0.1041,
0.0000

 176.0236,
131.0468, 54.6482


 0.6789, 0.0000,
0.0000


 215.7568,


 0.0000, 0.0000,


164.5211, 74.4313


0.0000


 261.0600,
203.2593, 98.4913


 34.1326, 19.2173,
2.3258


 34.1326, 19.2173,
2.3258


 33.6248, 18.3290,
1.7656

 35.3810, 21.3044,
4.0061

 37.2459, 24.2575,
7.0221

 39.7994, 28.1614,
11.5829

 43.1030, 33.0894,
17.8606

 47.2109, 39.1077,
26.0044

■ 52.1722, 46.2767,
36.1473

■ 58.0322, 54.6525,
48.4100

■ 64.8326, 64.2873,
62.9038

■ 72.6128, 75.2304,
79.7318

Harmonies

Analogous

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



40.5489, 19.2173, 12.4029



34.1326, 19.2173, 2.3258



24.1024, 19.2173, 0.1751

Triad

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



34.1326, 19.2173, 2.3258



6.3808, 19.2173, 9.1094



22.0011, 19.2173, 114.3258

Complementary

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



34.1326, 19.2173, 2.3258



34.3414, 45.3360, 82.5414

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.



13.4563, 19.2173, 110.0943



34.1326, 19.2173, 2.3258



6.1446, 19.2173, 32.6590

Square

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



34.1326, 19.2173, 2.3258



9.0853, 19.2173, 1.5579



8.2830, 19.2173, 73.3650



32.1723, 19.2173, 82.4236

Rectangle

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



34.1326, 19.2173, 2.3258



17.7154, 19.2173, 0.0000



8.2830, 19.2173, 73.3650



18.8268, 19.2173, 117.5124

Sweetspot

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



34.1330, 19.2185, 2.3261



69.3921, 63.7884, 53.7829



43.3568, 21.4009, 55.5440



14.1867, 12.6999, 10.1220



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.



34.1330, 19.2185, 2.3261



42.0380, 22.8560, 2.1960



44.7637, 40.4799, 5.8696



14.5639, 14.7417, 14.9823



18.9096, 10.3933, 1.0095



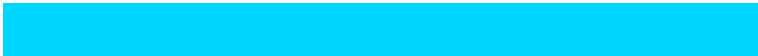
1.4546, 0.8824, 0.0937

Inverse Universe

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



34.3414, 45.3360, 82.5414



42.0596, 55.2392, 103.0532



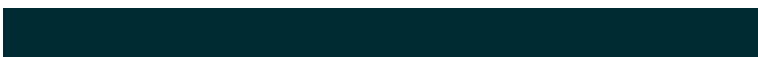
18.2569, 13.1669, 77.1799



14.5991, 15.9195, 18.4477



18.9443, 24.9508, 46.2007



1.4531, 1.9501, 3.4318

Previews

White Background



This preview shows how the XYZ color 34.1326, 19.2173, 2.3258 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 34.1326, 19.2173, 2.3258 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 34.1326, 19.2173, 2.3258

Background



This preview shows how black text looks on a background with the XYZ color 34.1326, 19.2173, 2.3258.



This preview shows how white text looks on a background with the XYZ color 34.1326, 19.2173,

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

34.1326, 19.2173, 2.3258

Protanopia

17.5368, 19.3417, 4.1755

Deuteranopia

19.5718, 19.3608, 2.7055



Tritanopia

34.4251, 19.1402, 4.4648

Trichromacy



Original Color

34.1326, 19.2173, 2.3258

Protanomaly

21.0623, 16.9125, 3.0740

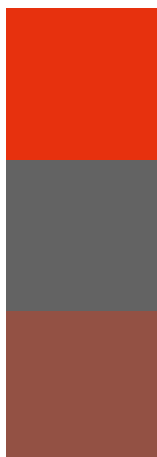
Deuteranomaly

23.1459, 17.6103, 2.3228

Tritanomaly

34.2602, 19.1374, 3.4016

Monochromacy



Original Color

34.1326, 19.2173, 2.3258

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

16.0184, 12.5053, 7.0383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1326, 19.2173, 2.3258 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(231, 49, 14)` looks like.

```
.text, #text, p{  
    color:rgb(231, 49, 14)  
}
```

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(231, 49, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 49, 14) }
```

Border

The CSS property to change the border of an element to XYZ 34.1326, 19.2173, 2.3258 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(231, 49, 14) }
```


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

```
.border{ border-color:rgb(231, 49, 14) }
```

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

Here you see how a box with a 4 pixel rgb(231, 49, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 49, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 49, 14);  
box-shadow:4px 4px 4px 4px rgb(231, 49,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1326, 19.2173, 2.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 49, 14) }
```

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

```
.background{ background-color: rgb(231, 49,  
14) }
```

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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