

Converting Colors

XYZ(8.9953, 17.5941, 2.9363)

Have a look what the booklet for
XYZ(8.9953, 17.5941, 2.9363)
contains.

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Color

**XYZ(8.9380, 17.4686,
2.9294)**

Conversions

Conversions Part 1

Format	Color
Hex	138701
RGB	19, 135, 1
RGB Percent	7%, 53%, 0%
CMY	0.9255, 0.4706, 0.9960
CMYK	0.86, 0.00, 0.99, 0.47
HSL	112°, 99%, 27%
HSV	112°, 99%, 53%
XYZ	8.9380, 17.4686, 2.9294
YIQ	85.0400, -26.1220, -66.2660

Conversions

Conversions Part 2

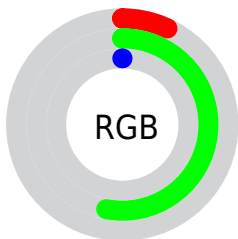
Format	Color
RYB	1, 135, 117
Decimal	1279745
CIELab	48.85, -52.13, 51.87
CIELCh	49, 73.543, 135.143
Yxy	17.4686, 0.3047, 0.5955
Android (android.graphics.Color)	4279469825 (0xFF138701)
YUV	85.0400, -41.4317, -57.9171
Hunter-Lab	41.7955, -34.9696, 25.1012

Details

The XYZ color **8.9380, 17.4686, 2.9294** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **11.7222, 5.5541, 23.3769**, and the grayscale version is **8.7315, 9.1863, 10.0038**.

A 20% lighter version of the original color is **23.3974, 38.9622, 11.4415**, and **3.1703, 6.3406, 1.0568** is the 20% darker color. If you saturate the color by 10%, you get **8.9161, 17.4585, 2.8999**, and if you desaturate by 10%, it is **9.3028, 17.6483, 3.3500**.

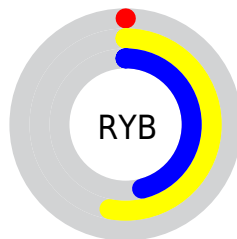
Distribution



Red (7%)

Green (53%)

Blue (0%)



Red (0%)

Yellow (53%)

Blue (46%)

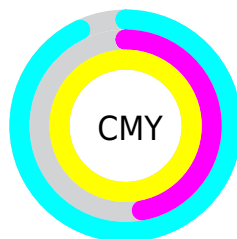


Cyan (86%)

Magenta (0%)

Yellow (99%)

Black (47%)



Cyan (93%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.9380, 17.4686, 2.9294 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 8.9380, 17.4686, 2.9294 by changing the saturation by 10% instead.

■ 8.9380, 17.4686,
2.9294

■ 8.9380, 17.4686,
2.9294

177.1316,
237.8585, 135.4563

■ 4.7575, 10.5692,
1.0587

■ 23.4460, 39.1297,
11.4537

■ 2.1390, 5.7779,
0.0000

■ 34.5044, 54.6602,
18.9444

■ 0.7103, 2.7105,
0.0000

■ 48.5860, 73.8364,
29.1456

■ 0.0000, 0.9825,
0.0000


■ 66.0563, 97.0429,
42.4756


■ 0.0000, 0.0000,
0.0000


■ 87.2807, 124.6639,
59.3532


■ 112.6244,


157.0840, 80.1968


 142.4529,
194.6873, 105.4250


 8.9380, 17.4686,
2.9294


 8.9380, 17.4686,
2.9294


 8.9161, 17.4585,
2.8999

 9.3028, 17.6483,
3.3500

 9.8443, 17.9127,
4.0379

 10.5982, 18.2783,
5.1143

 11.5841, 18.7542,
6.6251

 12.8194, 19.3483,
8.6098

■ 14.3196, 20.0681,
11.1036

■ 16.0991, 20.9201,
14.1381

■ 18.1713, 21.9107,
17.7426

■ 20.5484, 23.0457,
21.9442

Harmonies

Analogous

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



13.4096, 17.4686, 0.9247



8.9380, 17.4686, 2.9294



6.8841, 17.4686, 10.9282

Triad

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



8.9380, 17.4686, 2.9294



13.4645, 17.4686, 83.2562



32.7395, 17.4686, 10.8035

Complementary

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



8.9380, 17.4686, 2.9294



11.7222, 5.5541, 23.3769

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.



32.7662, 17.4686, 30.3590



8.9380, 17.4686, 2.9294



20.2678, 17.4686, 83.1265

Square

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



8.9380, 17.4686, 2.9294



8.9687, 17.4686, 59.9628



27.7344, 17.4686, 59.6784



27.6694, 17.4686, 2.8915

Rectangle

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



8.9380, 17.4686, 2.9294



6.6720, 17.4686, 22.5873



27.7344, 17.4686, 59.6784



33.3762, 17.4686, 15.8501

Sweetspot

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



8.9384, 17.4693, 2.9298



28.3456, 37.2310, 24.4854



16.1174, 17.3928, 2.5366



6.2860, 8.4890, 5.1938



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8.9384, 17.4693, 2.9298



15.8833, 31.2207, 5.1891



9.2086, 17.5478, 5.6880



4.6702, 5.2325, 4.9932



8.2288, 16.1020, 2.6743



0.0320, 0.0576, 0.0094

Inverse Universe

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



11.7222, 5.5541, 23.3769



20.8418, 9.8396, 41.8491



11.7689, 5.8793, 9.7699



4.7981, 4.7320, 5.8612



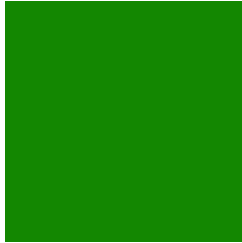
10.7900, 5.0966, 21.5517



0.0416, 0.0198, 0.0749

Previews

White Background



This preview shows how the XYZ color 8.9380, 17.4686, 2.9294 looks on a white background.

Color Contrast Check

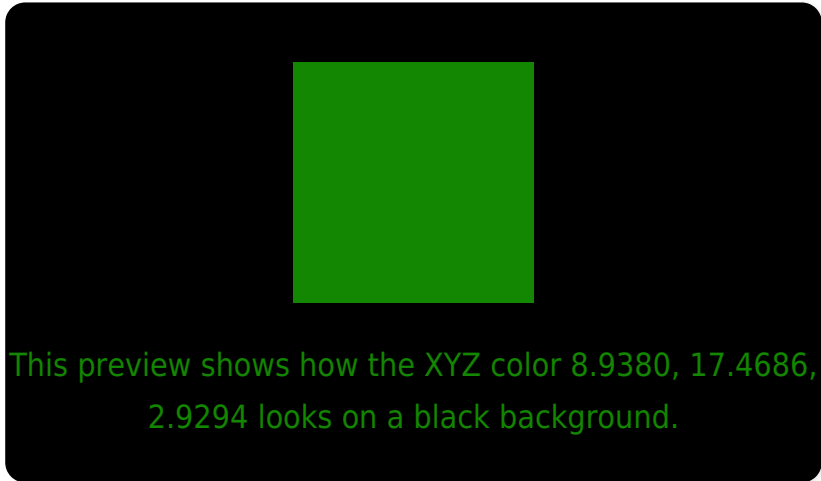
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

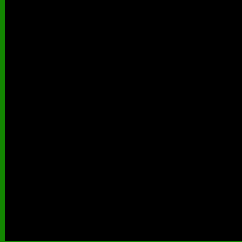
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 8.9380, 17.4686, 2.9294

Background



This preview shows how black text looks on a background with the XYZ color 8.9380, 17.4686, 2.9294.



This preview shows how white text looks on a background with the XYZ color 8.9380, 17.4686,

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

8.9380, 17.4686, 2.9294

Protanopia

15.4513, 17.2366, 2.5126

Deuteranopia

17.4748, 17.2603, 3.5730



Tritanopia

13.5812, 17.3746, 25.9304

Trichromacy



Original Color

8.9380, 17.4686, 2.9294

Protanomaly

11.2994, 16.3396, 2.5583

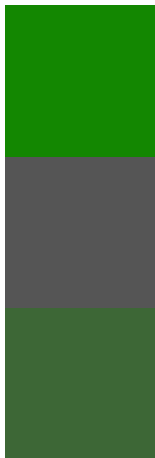
Deuteranomaly

11.8600, 15.8933, 3.0587

Tritanomaly

10.6093, 16.9241, 11.7243

Monochromacy



Original Color

8.9380, 17.4686, 2.9294

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

7.4406, 10.9589, 5.2132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.9380, 17.4686, 2.9294 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(19, 135, 1)` looks like.

```
.text, #text, p{  
    color:rgb(19, 135, 1)  
}
```

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(19, 135, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 135, 1) }
```

Border

The CSS property to change the border of an element to XYZ 8.9380, 17.4686, 2.9294 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(19, 135, 1) }
```


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

```
.border{ border-color:rgb(19, 135, 1) }
```

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

Here you see how a box with a 4 pixel rgb(19, 135, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 135, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 135, 1);  
box-shadow:4px 4px 4px 4px rgb(19, 135, 1)  
}
```

Background

The CSS property to change the background color of an element to XYZ 8.9380, 17.4686, 2.9294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 135, 1) }
```

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

```
.background{ background-color: rgb(19, 135,  
1) }
```

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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