

Converting Colors

XYZ(17.1505, 9.5588, 1.2919)

Have a look what the booklet for
XYZ(17.1505, 9.5588, 1.2919)
contains.

XYZ(17.1339, 9.5526, 1.2886)	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(17.1339, 9.5526,
1.2886)**

Conversions

Conversions Part 1

Format	Color
Hex	AA1F0C
RGB	170, 31, 12
RGB Percent	67%, 12%, 5%
CMY	0.3333, 0.8784, 0.9529
CMYK	0.00, 0.82, 0.93, 0.33
HSL	7°, 87%, 36%
HSV	7°, 93%, 67%
XYZ	17.1339, 9.5526, 1.2886
YIQ	70.3950, 88.9430, 23.5590

Conversions

Conversions Part 2

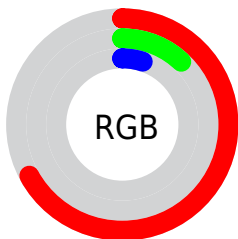
Format	Color
R_{YB}	170, 34, 12
Decimal	11149068
CIE Lab	37.03, 53.89, 45.85
CIE LCh	37, 70.751, 40.393
Yxy	9.5526, 0.6125, 0.3415
Android (android.graphics.Color)	4289339148 (0xFFAA1F0C)
YUV	70.3950, -28.7887, 87.3536
Hunter-Lab	30.9073, 44.8663, 19.1632

Details

The XYZ color **17.1339, 9.5526, 1.2886** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **18.4717, 25.1092, 41.9028**, and the grayscale version is **5.9247, 6.2333, 6.7880**.

A 20% lighter version of the original color is **38.0499, 24.9517, 6.9484**, and **6.1843, 3.1881, 0.2894** is the 20% darker color. If you saturate the color by 10%, you get **16.8357, 9.0626, 0.8619**, and if you desaturate by 10%, it is **17.7749, 10.5862, 2.2689**.

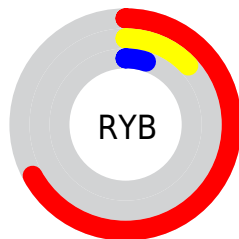
Distribution



Red (67%)

Green (12%)

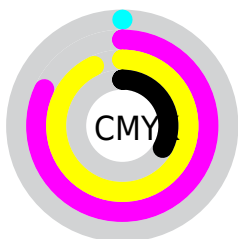
Blue (5%)



Red (67%)

Yellow (13%)

Blue (5%)

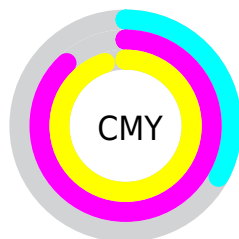


Cyan (0%)

Magenta (82%)

Yellow (93%)

Black (33%)



Cyan (33%)


Magenta (88%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.1339, 9.5526, 1.2886 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 17.1339, 9.5526, 1.2886 by changing the saturation by 10% instead.

 17.1339, 9.5526,
1.2886


 17.1339, 9.5526,
1.2886


 229.0841,
187.4484, 110.1122


 10.4259, 5.1033,
0.0524


 38.0976, 24.9505,
6.9842


 5.7467, 2.3080,
0.0000


 53.0841, 36.6680,
12.5380


 2.7308, 0.7780,
0.0000

 71.5607, 51.5769,
20.4538

 1.0131, 0.0000,
0.0000

 93.8928, 70.0618,
31.1502


 0.0000, 0.0000,
0.0000


 120.4459, 92.5070,
45.0457

 151.5852,


119.2969, 62.5588


 187.6762,
150.8159, 84.1081


 17.1339, 9.5526,
1.2886


 17.1339, 9.5526,
1.2886


 16.8357, 9.0626,
0.8619

 17.7749, 10.5862,
2.2689

 18.7351, 12.0724,
3.9276

 20.0505, 14.0567,
6.3591

 21.7520, 16.5784,
9.6430

 23.8670, 19.6728,
13.8487

■ 26.4204, 23.3723,
19.0385

■ 29.4352, 27.7067,
25.2693

■ 32.9327, 32.7040,
32.5938

■ 36.9328, 38.3904,
41.0609

Harmonies

Analogous

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



20.1539, 9.5526, 6.6248



17.1339, 9.5526, 1.2886



12.2128, 9.5526, 0.0000

Triad

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



17.1339, 9.5526, 1.2886



3.2278, 9.5526, 4.2203



10.6870, 9.5526, 56.8174

Complementary

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



17.1339, 9.5526, 1.2886



18.4717, 25.1092, 41.9028

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.



6.5339, 9.5526, 53.7601



17.1339, 9.5526, 1.2886



3.0550, 9.5526, 15.3938

Square

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



17.1339, 9.5526, 1.2886



4.6383, 9.5526, 0.6960



4.0528, 9.5526, 35.2082



15.7126, 9.5526, 41.7608

Rectangle

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



17.1339, 9.5526, 1.2886



9.0217, 9.5526, 0.0000



4.0528, 9.5526, 35.2082



9.1374, 9.5526, 58.0534

Sweetspot

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



17.1341, 9.5532, 1.2887



50.2567, 45.7480, 39.3163



22.3409, 11.0617, 30.4774



10.7156, 9.4935, 7.7554



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



17.1341, 9.5532, 1.2887



30.4633, 16.2759, 1.5360



22.1587, 19.6024, 2.9636



7.6012, 7.6824, 7.8715



12.4077, 6.7127, 0.6417



0.3233, 0.2062, 0.0228

Inverse Universe

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



18.4717, 25.1092, 41.9028



32.7142, 44.3649, 75.8409



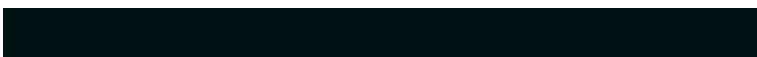
9.7614, 7.6888, 38.9994



7.6694, 8.3757, 9.6308



13.3336, 18.1275, 30.7717



0.3453, 0.4828, 0.7556

Previews

White Background



This preview shows how the XYZ color 17.1339, 9.5526, 1.2886 looks on a white background.

Color Contrast Check

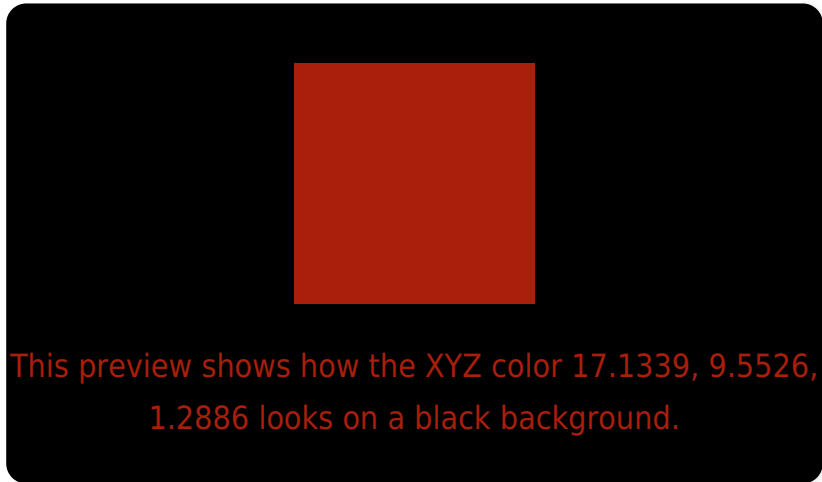
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

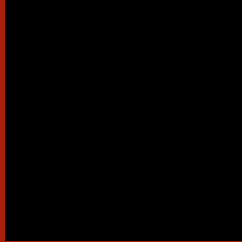
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.1339, 9.5526, 1.2886

Background



This preview shows how black text looks on a background with the XYZ color 17.1339, 9.5526, 1.2886.



This preview shows how white text looks on a background with the XYZ color 17.1339, 9.5526,

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

17.1339, 9.5526, 1.2886

Protanopia

8.9044, 9.8720, 2.4135

Deuteranopia

9.8524, 9.7854, 1.3695



Tritanopia

17.2265, 9.5086, 2.0260

Trichromacy



Original Color

17.1339, 9.5526, 1.2886

Protanomaly

10.6599, 8.5484, 1.7976

Deuteranomaly

11.5851, 8.7759, 1.1982

Tritanomaly

17.1867, 9.5325, 1.6932

Monochromacy



Original Color

17.1339, 9.5526, 1.2886

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

7.9124, 6.1143, 3.6689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1339, 9.5526, 1.2886 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(170, 31, 12)` looks like.

```
.text, #text, p{  
    color:rgb(170, 31, 12)  
}
```

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(170, 31, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 31, 12) }
```

Border

The CSS property to change the border of an element to XYZ 17.1339, 9.5526, 1.2886 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(170, 31, 12) }
```


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

```
.border{ border-color:rgb(170, 31, 12) }
```

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

Here you see how a box with a 4 pixel rgb(170, 31, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 31, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 31, 12);  
box-shadow:4px 4px 4px 4px rgb(170, 31,  
12) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1339, 9.5526, 1.2886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 31, 12) }
```

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

```
.background{ background-color: rgb(170, 31,  
12) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor