

Converting Colors

XYZ(17.9825, 9.5564, 1.4274)

Have a look what the booklet for
XYZ(17.9825, 9.5564, 1.4274)
contains.

XYZ(17.9808, 9.5553, 1.4270)	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(17.9808, 9.5553,
1.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	AF1111
RGB	175, 17, 17
RGB Percent	69%, 7%, 7%
CMY	0.3137, 0.9333, 0.9333
CMYK	0.00, 0.90, 0.90, 0.31
HSL	0°, 82%, 38%
HSV	0°, 90%, 69%
XYZ	17.9808, 9.5553, 1.4270
YIQ	64.2420, 94.1680, 33.4960

Conversions

Conversions Part 2

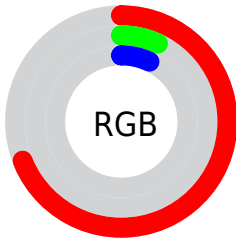
Format	Color
R_{YB}	175, 17, 17
Decimal	11473169
CIE Lab	37.03, 58.44, 44.28
CIE LCh	37, 73.324, 37.150
Yxy	9.5553, 0.6208, 0.3299
Android (android.graphics.Color)	4289663249 (0xFFAF1111)
YUV	64.2420, -23.2903, 97.1348
Hunter-Lab	30.9116, 49.7351, 18.9011

Details

The XYZ color **17.9808, 9.5553, 1.4270** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **23.2949, 33.8662, 45.8661**, and the grayscale version is **4.9352, 5.1922, 5.6543**.

A 20% lighter version of the original color is **39.6641, 25.0503, 7.4473**, and **6.8101, 3.5107, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **17.6793, 9.1144, 0.8274**, and if you desaturate by 10%, it is **18.5620, 10.4062, 2.5818**.

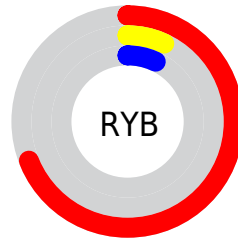
Distribution



Red (69%)

Green (7%)

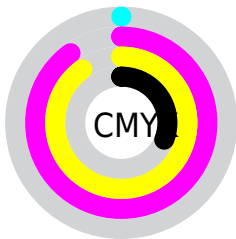
Blue (7%)



Red (69%)

Yellow (7%)

Blue (7%)

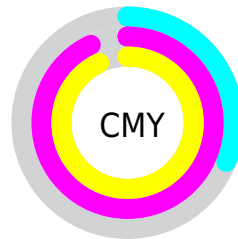


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (31%)



Cyan (31%)


Magenta (93%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 17.9808, 9.5553, 1.4270 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 17.9808, 9.5553, 1.4270 by changing the saturation by 10% instead.


 17.9808, 9.5553,
1.4270


 17.9808, 9.5553,
1.4270


 233.8105,
187.4680, 112.7269


 11.0358, 5.1051,
0.1626


 39.5349, 24.9556,
7.4050

 6.1584, 2.3091,
0.0000


 54.8748, 36.6746,
13.1574


 2.9832, 0.7785,
0.0000

 73.7437, 51.5853,
21.3101

 1.1449, 0.0000,
0.0000

 96.5069, 70.0720,
32.2816


 0.0622, 0.0000,
0.0000


 123.5298, 92.5193,
46.4905


 0.0000, 0.0000,
0.0000


 155.1778,


119.3115, 64.3553


 191.8163,
150.8329, 86.2946


 17.9808, 9.5553,
1.4270


 17.9808, 9.5553,
1.4270


 17.6793, 9.1144,
0.8274

 18.5620, 10.4062,
2.5818

 19.5276, 11.8193,
4.5011

 20.9287, 13.8696,
7.2861

 22.8085, 16.6203,
11.0229

 25.2050, 20.1271,
15.7869

■ 28.1524, 24.4399,
21.6462

■ 31.6818, 29.6045,
28.6628

■ 35.8223, 35.6631,
36.8942

■ 40.6009, 42.6553,
46.3941

Harmonies

Analogous

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



20.8065, 9.5553, 7.5892



17.9808, 9.5553, 1.4270



12.9160, 9.5553, 0.0000

Triad

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



17.9808, 9.5553, 1.4270



3.1743, 9.5553, 3.3971



10.2139, 9.5553, 60.2414

Complementary

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



17.9808, 9.5553, 1.4270



23.2949, 33.8662, 45.8661

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.



6.0935, 9.5553, 54.7140



17.9808, 9.5553, 1.4270



2.8775, 9.5553, 13.8410

Square

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



17.9808, 9.5553, 1.4270



4.7604, 9.5553, 0.3779



3.7452, 9.5553, 34.0220



15.4485, 9.5553, 45.8226

Rectangle

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



17.9808, 9.5553, 1.4270



9.5235, 9.5553, 0.0000



3.7452, 9.5553, 34.0220



8.6544, 9.5553, 60.7709

Sweetspot

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



17.9810, 9.5559, 1.4271



52.0941, 46.2207, 42.0954



25.6173, 12.6099, 41.6409



11.1405, 9.6321, 8.4854



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



17.9810, 9.5559, 1.4271



31.6631, 16.3234, 1.4819



21.9631, 17.5201, 2.7545



8.0053, 8.0155, 8.3386



12.6609, 6.5272, 0.5926



0.3522, 0.1816, 0.0165

Inverse Universe

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



23.2949, 33.8662, 45.8661



41.3058, 60.4384, 82.1256



12.1519, 11.5801, 42.1518



8.2363, 9.0719, 10.2697



16.5166, 24.1670, 32.8387



0.4595, 0.6724, 0.9135

Previews

White Background



This preview shows how the XYZ color 17.9808, 9.5553, 1.4270 looks on a white background.

Color Contrast Check

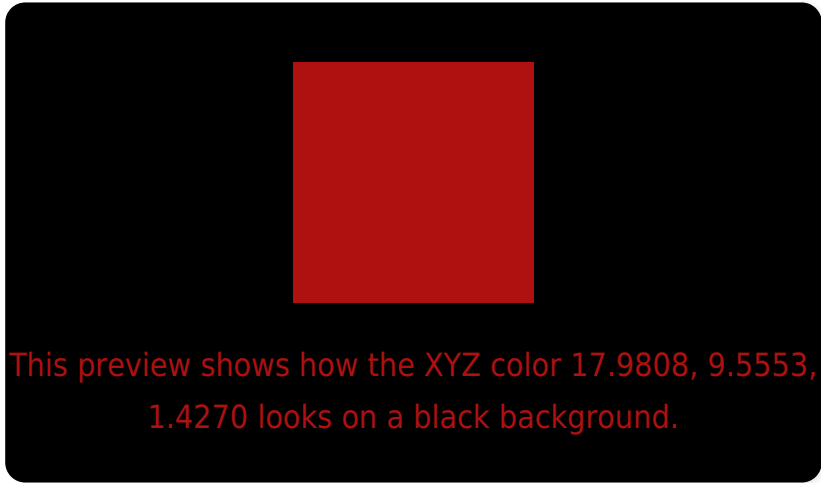
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9808, 9.5553, 1.4270

Background



This preview shows how black text looks on a background with the XYZ color 17.9808, 9.5553, 1.4270.



This preview shows how white text looks on a background with the XYZ color 17.9808, 9.5553,

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

17.9808, 9.5553, 1.4270

Protanopia

9.0886, 9.9584, 2.8096

Deuteranopia

9.9306, 9.9417, 1.3955



Tritanopia

17.9559, 9.5707, 1.2176

Trichromacy



Original Color

17.9808, 9.5553, 1.4270

Protanomaly

10.7277, 8.1462, 2.0439

Deuteranomaly

11.6404, 8.3958, 1.1793

Tritanomaly

17.9681, 9.5756, 1.2820

Monochromacy



Original Color

17.9808, 9.5553, 1.4270

Achromatopsia

4.8732, 5.1269, 5.5832

Achromatomaly

7.2385, 5.1813, 3.3079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9808, 9.5553, 1.4270 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(175, 17, 17)` looks like.

```
.text, #text, p{  
    color:rgb(175, 17, 17)  
}
```

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(175, 17, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 17, 17) }
```

Border

The CSS property to change the border of an element to XYZ 17.9808, 9.5553, 1.4270 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(175, 17, 17) }
```


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

```
.border{ border-color:rgb(175, 17, 17) }
```

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

Here you see how a box with a 4 pixel rgb(175, 17, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 17, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 17, 17);  
box-shadow:4px 4px 4px 4px rgb(175, 17,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9808, 9.5553, 1.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 17, 17) }
```

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

```
.background{ background-color: rgb(175, 17,  
17) }
```

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