

Converting Colors

XYZ(17.5597, 9.3207, 0.8736)

Have a look what the booklet for
XYZ(17.5597, 9.3207, 0.8736)
contains.

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Color

**XYZ(17.6408, 9.3693,
0.8787)**

Conversions

Conversions Part 1

Format	Color
Hex	AE1000
RGB	174, 16, 0
RGB Percent	68%, 6%, 0%
CMY	0.3177, 0.9372, 1.0000
CMYK	0.00, 0.91, 1.00, 0.32
HSL	6°, 100%, 34%
HSV	6°, 100%, 68%
XYZ	17.6408, 9.3693, 0.8787
YIQ	61.4180, 99.3040, 28.5200

Conversions

Conversions Part 2

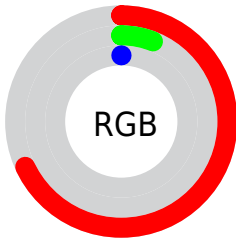
Format	Color
R_{YB}	174, 18, 0
Decimal	11407360
CIE Lab	36.69, 58.12, 50.68
CIE LCh	37, 77.111, 41.092
Yxy	9.3693, 0.6325, 0.3360
Android (android.graphics.Color)	4289597440 (0xFFAE1000)
YUV	61.4180, -30.2791, 98.7344
Hunter-Lab	30.6093, 49.3071, 19.7245

Details

The XYZ color **17.6408, 9.3693, 0.8787** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **19.8624, 27.5009, 44.3052**, and the grayscale version is **4.5290, 4.7649, 5.1890**.

A 20% lighter version of the original color is **38.9289, 24.5939, 5.7129**, and **6.5555, 3.3795, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **17.6410, 9.3699, 0.8788**, and if you desaturate by 10%, it is **18.0714, 10.0638, 1.5370**.

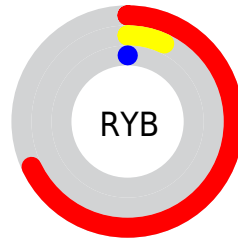
Distribution



Red (68%)

Green (6%)

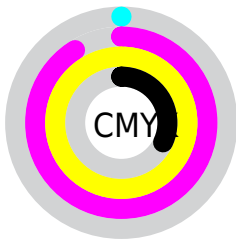
Blue (0%)



Red (68%)

Yellow (7%)

Blue (0%)

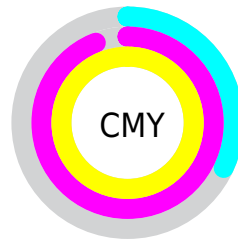


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (32%)



Cyan (32%)


Magenta (94%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6408, 9.3693, 0.8787 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 17.6408, 9.3693, 0.8787 by changing the saturation by 10% instead.


 17.6408, 9.3693,
0.8787


 17.6408, 9.3693,
0.8787


 231.9235,
186.1095, 101.4278


 10.7905, 4.9828,
0.0000


 38.9592, 24.6023,
5.6590


 5.9924, 2.2372,
0.0000

 54.1580, 36.2176,
10.5564


 2.8811, 0.7402,
0.0000

 72.8705, 51.0112,
17.6842

 1.0912, 0.0000,
0.0000

 95.4618, 69.3677,
27.4609


 0.0177, 0.0000,
0.0000

 122.2974, 91.6714,
40.3051


 0.0000, 0.0000,
0.0000


 153.7427,


118.3066, 56.6353


 190.1629,
149.6579, 76.8700


 17.6408, 9.3693,
0.8787


 17.6408, 9.3693,
0.8787


 17.6410, 9.3699,
0.8788

 18.0714, 10.0638,
1.5370

 18.7973, 11.2017,
2.7461

 19.8804, 12.8498,
4.7050

 21.3598, 15.0588,
7.5094

 23.2690, 17.8734,
11.2405

■ 25.6382, 21.3337,
15.9702

■ 28.4946, 25.4764,
21.7632

■ 31.8636, 30.3353,
28.6789

■ 35.7685, 35.9422,
36.7720

Harmonies

Analogous

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



21.1030, 9.3693, 5.9752



17.6408, 9.3693, 0.8787



12.1801, 9.3693, 0.0000

Triad

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



17.6408, 9.3693, 0.8787



2.7849, 9.3693, 3.8863



10.7670, 9.3693, 62.8314

Complementary

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



17.6408, 9.3693, 0.8787



19.8624, 27.5009, 44.3052

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.



6.2772, 9.3693, 59.8019



17.6408, 9.3693, 0.8787



2.6400, 9.3693, 16.0606

Square

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



17.6408, 9.3693, 0.8787



4.1745, 9.3693, 0.3591



3.6688, 9.3693, 38.5771



16.2974, 9.3693, 44.9795

Rectangle

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



17.6408, 9.3693, 0.8787



8.7334, 9.3693, 0.0000



3.6688, 9.3693, 38.5771



9.0793, 9.3693, 64.4602

Sweetspot

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



17.6410, 9.3699, 0.8788



51.3887, 45.7804, 38.8675



23.7567, 11.5191, 33.9997



10.9257, 9.4568, 7.6296



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.



17.6410, 9.3699, 0.8788



31.9291, 16.8555, 1.5706



22.1577, 18.4033, 2.3844



8.0624, 8.1296, 8.3576



12.8158, 6.8370, 0.6442



0.3751, 0.2275, 0.0241

Inverse Universe

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



19.8624, 27.5009, 44.3052



35.9412, 49.7093, 80.3374



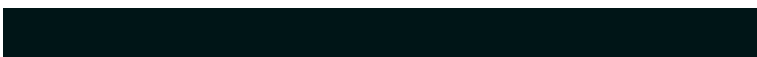
9.9897, 7.7556, 41.0143



8.1723, 8.9441, 10.2483



14.4294, 19.9927, 32.1430



0.4193, 0.5920, 0.9002

Previews

White Background



This preview shows how the XYZ color 17.6408, 9.3693, 0.8787 looks on a white background.

Color Contrast Check

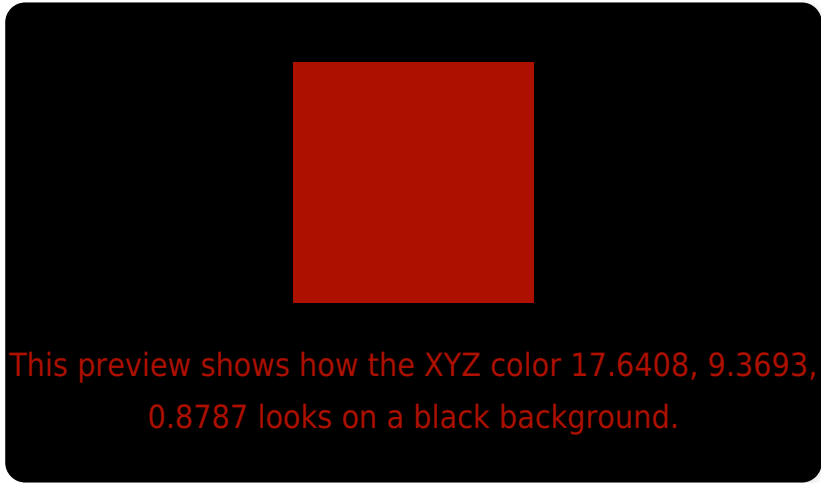
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6408, 9.3693, 0.8787

Background



This preview shows how black text looks on a background with the XYZ color 17.6408, 9.3693, 0.8787.



This preview shows how white text looks on a background with the XYZ color 17.6408, 9.3693,

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

17.6408, 9.3693, 0.8787

Protanopia

8.8628, 9.8553, 2.1942

Tritanopia

17.6737, 9.3824, 1.0518

Trichromacy



Original Color

17.6408, 9.3693, 0.8787

Protanomaly

10.4061, 7.9126, 1.3943

Tritanomaly

17.6628, 9.3780, 0.9941

Monochromacy



Original Color

17.6408, 9.3693, 0.8787

Achromatopsia

4.4355, 4.6665, 5.0818

Achromatomaly

6.7841, 4.8480, 2.4977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6408, 9.3693, 0.8787 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(174, 16, 0)` looks like.

```
.text, #text, p{  
    color:rgb(174, 16, 0)  
}
```

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(174, 16, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 16, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.6408, 9.3693, 0.8787 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(174, 16, 0) }
```

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

```
.border{ border-color:rgb(174, 16, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 16, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 16, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 16, 0);  
box-shadow:4px 4px 4px 4px rgb(174, 16, 0)  
}
```


Background

The CSS property to change the background color of an element to XYZ 17.6408, 9.3693, 0.8787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 16, 0) }
```

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

```
.background{ background-color: rgb(174, 16,  
0) }
```

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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