

Converting Colors

XYZ(17.5332, 9.3227, 1.4016)

Have a look what the booklet for
XYZ(17.5332, 9.3227, 1.4016)
contains.

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Color

**XYZ(17.5352, 9.3256,
1.4061)**

Conversions

Conversions Part 1

Format	Color
Hex	AD1111
RGB	173, 17, 17
RGB Percent	68%, 7%, 7%
CMY	0.3216, 0.9333, 0.9333
CMYK	0.00, 0.90, 0.90, 0.32
HSL	0°, 82%, 37%
HSV	0°, 90%, 68%
XYZ	17.5352, 9.3256, 1.4061
YIQ	63.6440, 92.9760, 33.0720

Conversions

Conversions Part 2

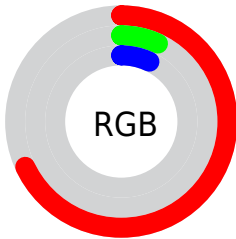
Format	Color
R_{YB}	173, 17, 17
Decimal	11342097
CIE _{Lab}	36.60, 57.90, 43.77
CIE _{LCh}	37, 72.583, 37.091
Yxy	9.3256, 0.6203, 0.3299
Android (android.graphics.Color)	4289532177 (0xFFAD1111)
YUV	63.6440, -22.9955, 95.9052
Hunter-Lab	30.5378, 49.0556, 18.6465

Details

The XYZ color **17.5352, 9.3256, 1.4061** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **22.7133, 33.0150, 44.7103**, and the grayscale version is **4.8451, 5.0974, 5.5511**.

A 20% lighter version of the original color is **38.9155, 24.5499, 7.3902**, and **6.5555, 3.3795, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **17.2337, 8.8847, 0.8066**, and if you desaturate by 10%, it is **18.1077, 10.1638, 2.5436**.

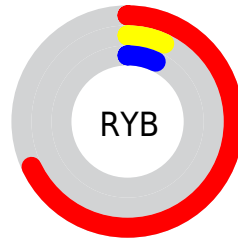
Distribution



Red (68%)

Green (7%)

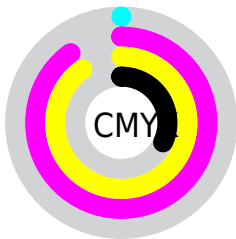
Blue (7%)



Red (68%)

Yellow (7%)

Blue (7%)

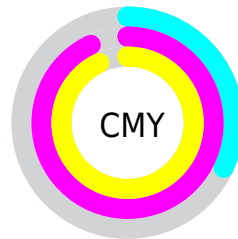


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (32%)



Cyan (32%)


Magenta (93%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 17.5352, 9.3256, 1.4061 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 17.5352, 9.3256, 1.4061 by changing the saturation by 10% instead.


 17.5352, 9.3256,
1.4061


 17.5352, 9.3256,
1.4061


 231.3346,
185.7886, 112.3406


 10.7145, 4.9542,
0.1465


 38.7800, 24.5191,
7.3422


 5.9410, 2.2204,
0.0000


 53.9348, 36.1099,
13.0653


 2.8496, 0.7311,
0.0000

 72.5984, 50.8759,
21.1830

 1.0747, 0.0000,
0.0000

 95.1360, 69.2016,
32.1139

 0.0038, 0.0000,
0.0000


 121.9131, 91.4713,
46.2766


 0.0000, 0.0000,
0.0000


 153.2950,


118.0695, 64.0896


 189.6470,
149.3804, 85.9714


 17.5352, 9.3256,
1.4061


 17.5352, 9.3256,
1.4061

 17.2337, 8.8847,
0.8066

 18.1077, 10.1638,
2.5436

 19.0552, 11.5504,
4.4269

 20.4273, 13.5583,
7.1543

 22.2659, 16.2487,
10.8091

 24.6078, 19.6756,
15.4646

■ 27.4863, 23.8875,
21.1868

■ 30.9315, 28.9289,
28.0361

■ 34.9718, 34.8408,
36.0683

■ 39.6332, 41.6617,
45.3354

Harmonies

Analogous

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



20.2784, 9.3256, 7.4322



17.5352, 9.3256, 1.4061



12.6074, 9.3256, 0.0000

Triad

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



17.5352, 9.3256, 1.4061



3.1076, 9.3256, 3.3135



9.9565, 9.3256, 58.6446

Complementary

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



17.5352, 9.3256, 1.4061



22.7133, 33.0150, 44.7103

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.



5.9459, 9.3256, 53.2306



17.5352, 9.3256, 1.4061



2.8158, 9.3256, 13.4704

Square

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



17.5352, 9.3256, 1.4061



4.6574, 9.3256, 0.3644



3.6599, 9.3256, 33.0936



15.0521, 9.3256, 44.6559

Rectangle

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



17.5352, 9.3256, 1.4061



9.3028, 9.3256, 0.0000



3.6599, 9.3256, 33.0936



8.4387, 9.3256, 59.1451

Sweetspot

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



17.5354, 9.3262, 1.4062



50.7918, 45.0715, 41.0557



24.9767, 12.3022, 40.5930



10.6276, 9.1943, 8.1061



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.



17.5354, 9.3262, 1.4062



30.8649, 15.9119, 1.4445



21.4268, 17.1090, 2.7034



8.0054, 8.0155, 8.3386



12.6609, 6.5273, 0.5926



0.3522, 0.1816, 0.0165

Inverse Universe

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



22.7133, 33.0150, 44.7103



40.2639, 58.9136, 80.0551



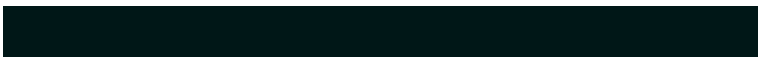
11.8661, 11.3206, 41.0945



8.2363, 9.0719, 10.2697



16.5163, 24.1666, 32.8386



0.4595, 0.6723, 0.9135

Previews

White Background



This preview shows how the XYZ color 17.5352, 9.3256, 1.4061 looks on a white background.

Color Contrast Check

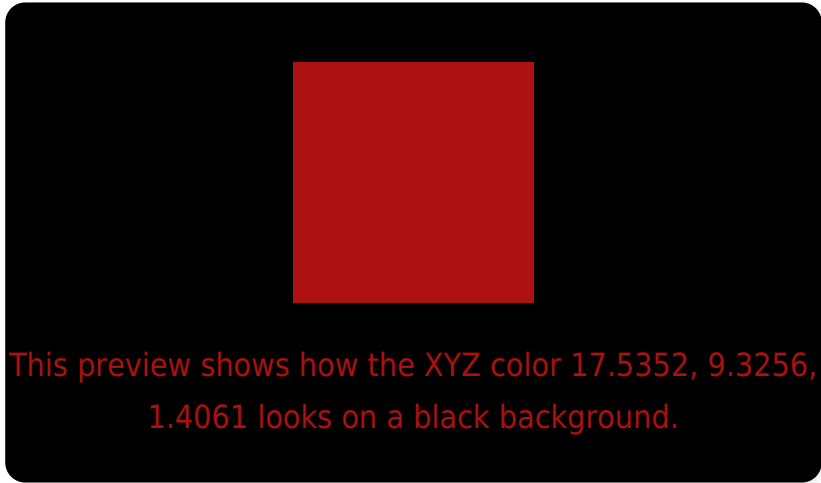
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5352, 9.3256, 1.4061

Background



This preview shows how black text looks on a background with the XYZ color 17.5352, 9.3256, 1.4061.



This preview shows how white text looks on a background with the XYZ color 17.5352, 9.3256,

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

17.5352, 9.3256, 1.4061

Protanopia

8.7874, 9.6804, 2.7719

Deuteranopia

9.7259, 9.7202, 1.3636



Tritanopia

17.5103, 9.3410, 1.1967

Trichromacy



Original Color

17.5352, 9.3256, 1.4061

Protanomaly

10.3779, 7.8844, 2.0118

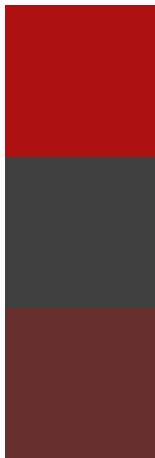
Deuteranomaly

11.4802, 8.3132, 1.1718

Tritanomaly

17.5225, 9.3459, 1.2612

Monochromacy



Original Color

17.5352, 9.3256, 1.4061

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 17.5352, 9.3256, 1.4061 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(173, 17, 17)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 17, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 17, 17) }
```

Border

The CSS property to change the border of an element to XYZ 17.5352, 9.3256, 1.4061 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(173, 17, 17) }
```


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

```
.border{ border-color:rgb(173, 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(173, 17, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 17, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 17, 17);  
box-shadow:4px 4px 4px 4px rgb(173, 17,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5352, 9.3256, 1.4061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 17, 17) }
```

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

```
.background{ background-color: rgb(173, 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](#).

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