

Converting Colors

XYZ(17.4083, 23.1283, 3.0879)

Have a look what the booklet for
XYZ(17.4083, 23.1283, 3.0879)
contains.

XYZ(17.5509, 23.1873, 3.5506)	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(17.5509, 23.1873,
3.5506)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8D00
RGB	122, 141, 0
RGB Percent	48%, 55%, 0%
CMY	0.5216, 0.4470, 1.0000
CMYK	0.13, 0.00, 1.00, 0.45
HSL	68°, 100%, 28%
HSV	68°, 100%, 55%
XYZ	17.5509, 23.1873, 3.5506
YIQ	119.2450, 33.9370, -47.8790

Conversions

Conversions Part 2

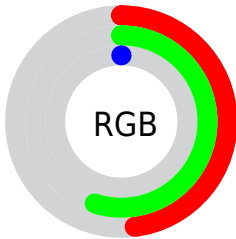
Format	Color
R_{YB}	0, 141, 19
Decimal	8031488
CIE _{Lab}	55.26, -22.45, 58.97
CIE _{LCh}	55, 63.103, 110.842
Yxy	23.1873, 0.3963, 0.5235
Android (android.graphics.Color)	4286221568 (0xFF7A8D00)
YUV	119.2450, -58.7878, 2.4161
Hunter-Lab	48.1532, -19.2083, 29.3355

Details

The XYZ color **17.5509, 23.1873, 3.5506** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.0770, 2.0621, 25.3311**, and the grayscale version is **17.7863, 18.7126, 20.3780**.

A 20% lighter version of the original color is **38.9494, 48.9249, 13.0208**, and **6.1953, 8.7474, 1.3619** is the 20% darker color. If you saturate the color by 10%, you get **17.5511, 23.1882, 3.5507**, and if you desaturate by 10%, it is **17.9032, 23.3604, 3.9849**.

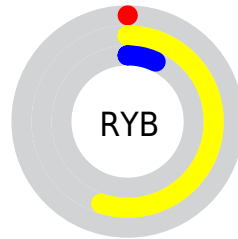
Distribution



Red (48%)

Green (55%)

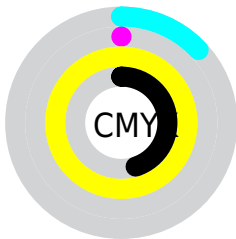
Blue (0%)



Red (0%)

Yellow (55%)

Blue (7%)

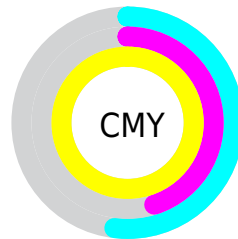


Cyan (13%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (52%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5509, 23.1873, 3.5506 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 17.5509, 23.1873, 3.5506 by changing the saturation by 10% instead.

■ 17.5509, 23.1873,
3.5506

■ 17.5509, 23.1873,
3.5506

231.4222,
268.6855, 143.0911

■ 10.7258, 14.7319,
1.3822

■ 38.8067, 48.7007,
12.9593

■ 5.9487, 8.6314,
0.1278

■ 53.9680, 66.5274,
21.0366

■ 2.8543, 4.5016,
0.0000

■ 72.6389, 88.2468,
31.9207

■ 1.0772, 1.9579,
0.0000

■ 95.1845, 114.2430,
46.0301


■ 0.0059, 0.5828,
0.0000


■ 121.9703,
144.9006, 63.7833


■ 0.0000, 0.0000,
0.0000


■ 153.3616,


180.6040, 85.5988


 189.7238,
221.7375, 111.8952


 17.5509, 23.1873,
3.5506


 17.5509, 23.1873,
3.5506


 17.5511, 23.1882,
3.5507

 17.9032, 23.3604,
3.9849

 18.3124, 23.5561,
4.6936

 18.8061, 23.7863,
5.8200

 19.3943, 24.0548,
7.4154

 20.0852, 24.3650,
9.5240

■ 20.8864, 24.7200,
12.1847

■ 21.8045, 25.1223,
15.4328

■ 22.8456, 25.5745,
19.3004

■ 24.0156, 26.0789,
23.8176

Harmonies

Analogous

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



24.2719, 23.1873, 3.0247



17.5509, 23.1873, 3.5506



13.0955, 23.1873, 7.7888

Triad

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



17.5509, 23.1873, 3.5506



14.5267, 23.1873, 69.0156



38.3514, 23.1873, 31.9576

Complementary

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



17.5509, 23.1873, 3.5506



5.0770, 2.0621, 25.3311

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.



34.3374, 23.1873, 58.6367



17.5509, 23.1873, 3.5506



19.9471, 23.1873, 86.4121

Square

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



17.5509, 23.1873, 3.5506



11.6264, 23.1873, 41.7701



27.2332, 23.1873, 81.8402



37.3253, 23.1873, 13.7819

Rectangle

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



17.5509, 23.1873, 3.5506



11.5374, 23.1873, 14.5123



27.2332, 23.1873, 81.8402



37.5197, 23.1873, 40.2847

Sweetspot

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



17.5514, 23.1884, 3.5511



38.9324, 44.9379, 27.2239



11.2149, 6.1224, 0.5910



8.5557, 9.9758, 5.5786



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.5514, 23.1884, 3.5511



31.3264, 41.4709, 6.3536



10.9267, 19.7732, 3.2411



5.7691, 6.2491, 5.7915



16.0121, 21.1471, 3.2379



0.1659, 0.2088, 0.0316

Inverse Universe

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



5.0770, 2.0621, 25.3311



9.0045, 3.6474, 45.3573



8.9574, 4.0625, 25.5127



5.1930, 5.2877, 6.7757



4.6373, 1.8842, 23.0964



0.0548, 0.0234, 0.2213

Previews

White Background



This preview shows how the XYZ color 17.5509, 23.1873, 3.5506 looks on a white 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

Black Background



This preview shows how the XYZ color 17.5509, 23.1873, 3.5506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

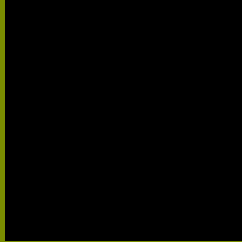
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.5509, 23.1873, 3.5506

Background



This preview shows how black text looks on a background with the XYZ color 17.5509, 23.1873, 3.5506.



This preview shows how white text looks on a background with the XYZ color 17.5509, 23.1873,

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

17.5509, 23.1873, 3.5506

Protanopia

20.7820, 23.1646, 3.3759

Deuteranopia

23.4348, 22.9487, 4.0585



Tritanopia

22.5969, 23.1422, 28.4752

Trichromacy



Original Color

17.5509, 23.1873, 3.5506

Protanomaly

19.4516, 23.0973, 3.4330

Deuteranomaly

20.9650, 22.8464, 3.7568

Tritanomaly

19.5627, 22.7333, 13.0298

Monochromacy



Original Color

17.5509, 23.1873, 3.5506

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.6396, 19.6936, 9.7617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5509, 23.1873, 3.5506 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(122, 141, 0)` looks like.

```
.text, #text, p{  
    color:rgb(122, 141, 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(122, 141, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 141, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.5509, 23.1873, 3.5506 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(122, 141, 0) }
```


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

```
.border{ border-color:rgb(122, 141, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 141, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 141, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 141, 0);  
box-shadow:4px 4px 4px 4px rgb(122, 141,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5509, 23.1873, 3.5506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 141, 0) }
```

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

```
.background{ background-color: rgb(122,  
141, 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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