

Converting Colors

XYZ(9.8776, 17.5407, 2.9800)

Have a look what the booklet for
XYZ(9.8776, 17.5407, 2.9800)
contains.

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Color

**XYZ(9.8776, 17.5407,
2.9800)**

Conversions

Conversions Part 1

Format	Color
Hex	358504
RGB	53, 133, 4
RGB Percent	21%, 52%, 2%
CMY	0.7922, 0.4784, 0.9843
CMYK	0.60, 0.00, 0.97, 0.48
HSL	97°, 94%, 27%
HSV	97°, 97%, 52%
XYZ	9.8776, 17.5407, 2.9800
YIQ	94.3740, -6.2710, -57.0790

Conversions

Conversions Part 2

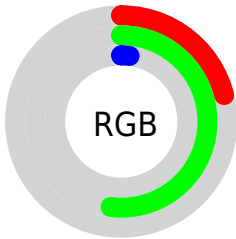
Format	Color
RYB	4, 133, 84
Decimal	3507460
CIELab	48.93, -44.81, 51.68
CIELCh	49, 68.406, 130.928
Yxy	17.5407, 0.3249, 0.5770
Android (android.graphics.Color)	4281697540 (0xFF358504)
YUV	94.3740, -44.5544, -36.2850
Hunter-Lab	41.8816, -31.1944, 25.0985

Details

The XYZ color **9.8776, 17.5407, 2.9800** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7.9349, 3.6661, 22.4807**, and the grayscale version is **10.8322, 11.3963, 12.4106**.

A 20% lighter version of the original color is **25.2139, 39.2609, 11.5594**, and **3.0173, 6.0346, 1.0058** is the 20% darker color. If you saturate the color by 10%, you get **9.7286, 17.4670, 2.8587**, and if you desaturate by 10%, it is **10.4313, 17.8172, 3.4325**.

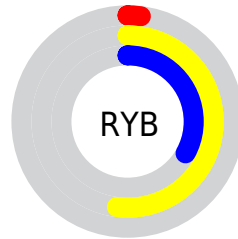
Distribution



Red (21%)

Green (52%)

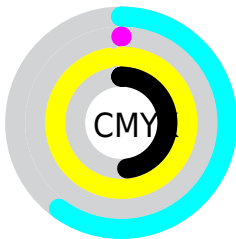
Blue (2%)



Red (2%)

Yellow (52%)

Blue (33%)

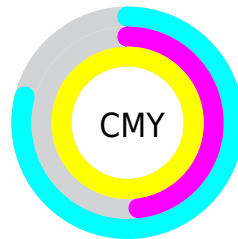


Cyan (60%)

Magenta (0%)

Yellow (97%)

Black (48%)



Cyan (79%)


Magenta (48%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 9.8776, 17.5407, 2.9800 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 9.8776, 17.5407, 2.9800 by changing the saturation by 10% instead.


 9.8776, 17.5407,
2.9800


 9.8776, 17.5407,
2.9800

183.8682,
238.2693, 136.1055

 5.3795, 10.6207,
1.0844


 25.2168, 39.2531,
11.5790

 2.5086, 5.8124,
0.0000

 36.7886, 54.8144,
19.1196


 0.8996, 2.7314,
0.0000

 51.4491, 74.0248,
29.3789

 0.0000, 0.9931,
0.0000


 69.5635, 97.2689,
42.7755


 0.0000, 0.0000,
0.0000


 91.4973, 124.9310,
59.7279


 117.6157,


157.3955, 80.6547


 148.2843,
195.0468, 105.9744


 9.8776, 17.5407,
2.9800


 9.8776, 17.5407,
2.9800


 9.7286, 17.4670,
2.8587

 10.4313, 17.8172,
3.4325

 11.1198, 18.1562,
4.1880

 11.9620, 18.5660,
5.3273

 12.9690, 19.0515,
6.8924

 14.1508, 19.6171,
8.9201

■ 15.5164, 20.2667,
11.4431

■ 17.0741, 21.0038,
14.4911

■ 18.8316, 21.8320,
18.0915

■ 20.7962, 22.7544,
22.2698

Harmonies

Analogous

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



14.4603, 17.5407, 1.2229



9.8776, 17.5407, 2.9800



7.5820, 17.5407, 9.7912

Triad

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



9.8776, 17.5407, 2.9800



12.9880, 17.5407, 74.9707



31.7850, 17.5407, 13.2013

Complementary

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



9.8776, 17.5407, 2.9800



7.9349, 3.6661, 22.4807

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.



31.0991, 17.5407, 32.9745



9.8776, 17.5407, 2.9800



19.0982, 17.5407, 78.2191

Square

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



9.8776, 17.5407, 2.9800



9.0366, 17.5407, 52.4383



26.0306, 17.5407, 59.6392



27.7181, 17.5407, 4.1196

Rectangle

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



9.8776, 17.5407, 2.9800



7.1930, 17.5407, 19.6712



26.0306, 17.5407, 59.6392



32.1246, 17.5407, 18.5377

Sweetspot

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



9.8780, 17.5414, 2.9804



29.7943, 37.2432, 24.3947



12.8312, 11.2675, 1.6137



6.4820, 8.2815, 5.0439



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



9.8780, 17.5414, 2.9804



17.2573, 31.1939, 5.1115



8.5562, 16.8489, 3.4200



4.7711, 5.2846, 4.9979



9.2748, 16.6413, 2.7233



0.0398, 0.0616, 0.0098

Inverse Universe

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



7.9349, 3.6661, 22.4807



13.7110, 6.1925, 40.2110



12.9841, 6.3807, 17.6724



4.6911, 4.6768, 5.8562



7.3969, 3.3474, 21.3929



0.0338, 0.0158, 0.0745

Previews

White Background



This preview shows how the XYZ color 9.8776, 17.5407, 2.9800 looks on a white background.

Color Contrast Check

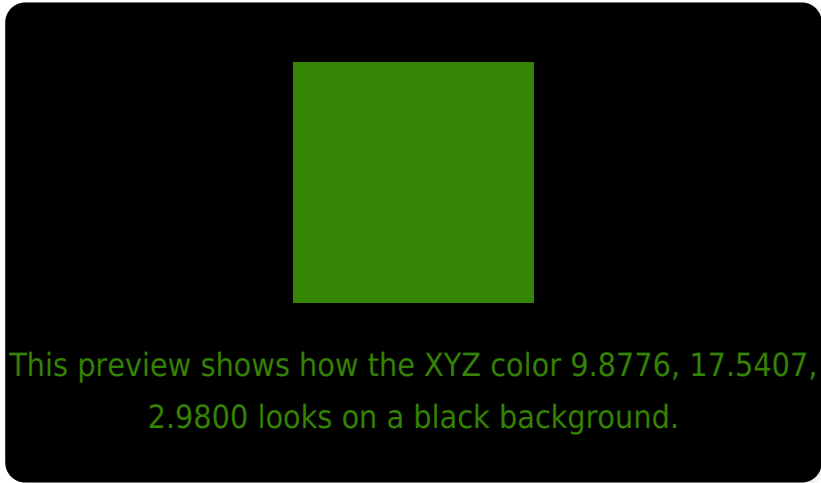
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 9.8776, 17.5407, 2.9800

Background



This preview shows how black text looks on a background with the XYZ color 9.8776, 17.5407, 2.9800.



This preview shows how white text looks on a background with the XYZ color 9.8776, 17.5407,

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

9.8776, 17.5407, 2.9800

Protanopia

15.6055, 17.3161, 2.5198

Deuteranopia

17.6396, 17.3467, 3.5171



Tritanopia

14.4124, 17.6324, 25.1980

Trichromacy



Original Color

9.8776, 17.5407, 2.9800

Protanomaly

12.5585, 16.8048, 2.6105

Deuteranomaly

13.2781, 16.4486, 3.0912

Tritanomaly

11.6244, 17.0602, 11.6971

Monochromacy



Original Color

9.8776, 17.5407, 2.9800

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

9.4293, 12.7243, 6.3739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.8776, 17.5407, 2.9800 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(53, 133, 4)` looks like.

```
.text, #text, p{  
    color:rgb(53, 133, 4)  
}
```

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(53, 133, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 133, 4) }
```

Border

The CSS property to change the border of an element to XYZ 9.8776, 17.5407, 2.9800 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(53, 133, 4) }
```


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

```
.border{ border-color:rgb(53, 133, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 133, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 133, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 133, 4);  
box-shadow:4px 4px 4px 4px rgb(53, 133, 4)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.8776, 17.5407, 2.9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 133, 4) }
```

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

```
.background{ background-color: rgb(53, 133,  
4) }
```

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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