

Converting Colors

XYZ(9.5475, 17.5481, 3.2832)

Have a look what the booklet for
XYZ(9.5475, 17.5481, 3.2832)
contains.

XYZ(9.5592, 17.5741, 3.3038)	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(9.5592, 17.5741,
3.3038)**

Conversions

Conversions Part 1

Format	Color
Hex	2A860E
RGB	42, 134, 14
RGB Percent	16%, 53%, 5%
CMY	0.8353, 0.4745, 0.9451
CMYK	0.69, 0.00, 0.90, 0.47
HSL	106°, 81%, 29%
HSV	106°, 90%, 53%
XYZ	9.5592, 17.5741, 3.3038
YIQ	92.8120, -16.3120, -56.8240

Conversions

Conversions Part 2

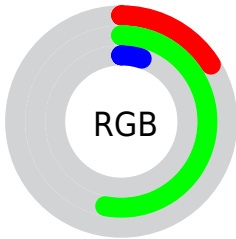
Format	Color
RYB	14, 134, 106
Decimal	2786830
CIELab	48.98, -47.54, 49.65
CIELCh	49, 68.740, 133.761
Yxy	17.5741, 0.3141, 0.5774
Android (android.graphics.Color)	4280976910 (0xFF2A860E)
YUV	92.8120, -38.8543, -44.5621
Hunter-Lab	41.9215, -32.6599, 24.6724

Details

The XYZ color **9.5592, 17.5741, 3.3038** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **10.4055, 5.1004, 22.9912**, and the grayscale version is **10.4516, 10.9959, 11.9746**.

A 20% lighter version of the original color is **24.6324, 39.2591, 12.4104**, and **3.0933, 6.1865, 1.0311** is the 20% darker color. If you saturate the color by 10%, you get **9.1160, 17.3549, 2.8868**, and if you desaturate by 10%, it is **10.1584, 17.8693, 3.9756**.

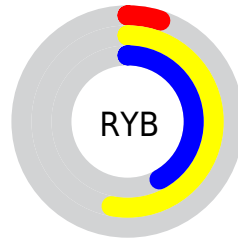
Distribution



Red (16%)

Green (53%)

Blue (5%)



Red (5%)

Yellow (53%)

Blue (42%)

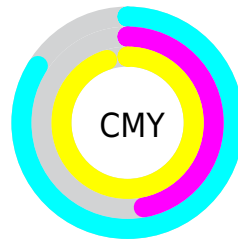


Cyan (69%)

Magenta (0%)

Yellow (90%)

Black (47%)



Cyan (84%)


Magenta (47%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 9.5592, 17.5741, 3.3038 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 9.5592, 17.5741, 3.3038 by changing the saturation by 10% instead.


 9.5592, 17.5741,
3.3038


 9.5592, 17.5741,
3.3038


181.6166,
238.4594, 140.1406


 5.1677, 10.6447,
1.2518


 24.6203, 39.3103,
12.3693


 2.3818, 5.8284,
0.0218

 36.0206, 54.8857,
20.2199


 0.8360, 2.7410,
0.0000

 50.4879, 74.1120,
30.8404

 0.0000, 0.9981,
0.0000


 68.3876, 97.3735,
44.6493


 0.0000, 0.0000,
0.0000


 90.0849, 125.0546,
62.0653


 115.9453,


157.5397, 83.5068


 146.3340,
195.2131, 109.3924


 9.5592, 17.5741,
3.3038


 9.5592, 17.5741,
3.3038


 9.1160, 17.3549,
2.8868


 10.1584, 17.8693,
3.9756

 9.0984, 17.3462,
2.8686

 10.9435, 18.2516,
5.0265

 11.9305, 18.7287,
6.5020

 13.1328, 19.3069,
8.4409

 14.5629, 19.9917,
10.8776

■ 16.2321, 20.7883,
13.8433

■ 18.1511, 21.7016,
17.3665

■ 20.3298, 22.7361,
21.4738

■ 22.7776, 23.8961,
26.1900

Harmonies

Analogous

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



13.9455, 17.5741, 1.2618



9.5592, 17.5741, 3.3038



7.4591, 17.5741, 10.8785

Triad

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



9.5592, 17.5741, 3.3038



13.4949, 17.5741, 76.7904



31.7242, 17.5741, 11.9198

Complementary

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



9.5592, 17.5741, 3.3038



10.4055, 5.1004, 22.9912

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.



31.5136, 17.5741, 30.7724



9.5592, 17.5741, 3.3038



19.8035, 17.5741, 77.7903

Square

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



9.5592, 17.5741, 3.3038



9.3023, 17.5741, 55.3007



26.7364, 17.5741, 57.5150



27.2543, 17.5741, 3.6492

Rectangle

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



9.5592, 17.5741, 3.3038



7.1912, 17.5741, 21.5400



26.7364, 17.5741, 57.5150



32.2277, 17.5741, 16.9164

Sweetspot

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



9.5596, 17.5748, 3.3042



29.2233, 36.9232, 25.5228



15.0656, 15.4091, 2.5960



6.3807, 8.2217, 5.3823



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.



9.5596, 17.5748, 3.3042



15.9131, 30.5010, 5.0486



9.1999, 17.3416, 5.4478



4.7105, 5.2533, 4.9951



8.5346, 16.2597, 2.6886



0.0351, 0.0592, 0.0096

Inverse Universe

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



10.4055, 5.1004, 22.9912



17.2465, 8.0151, 40.3765



12.3875, 6.3422, 13.1427



4.7545, 4.7096, 5.8592



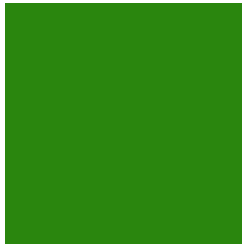
9.2564, 4.3060, 21.4800



0.0384, 0.0182, 0.0747

Previews

White Background



This preview shows how the XYZ color 9.5592, 17.5741, 3.3038 looks on a white background.

Color Contrast Check

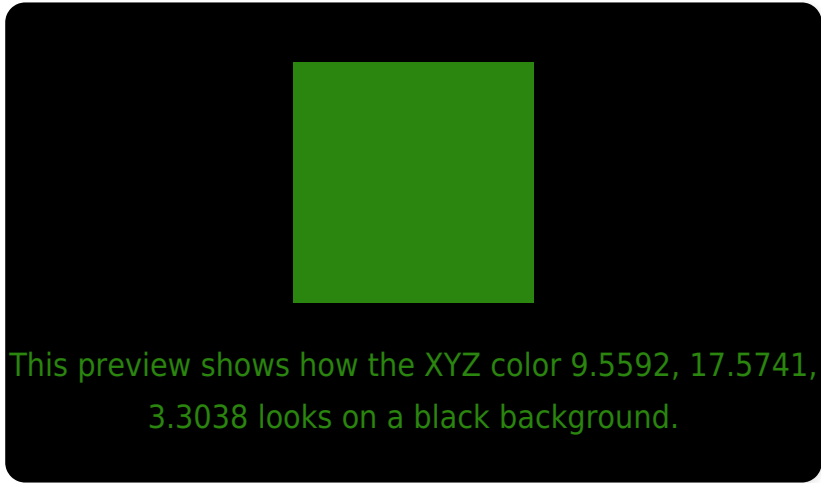
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.5592, 17.5741, 3.3038

Background



This preview shows how black text looks on a background with the XYZ color 9.5592, 17.5741, 3.3038.



This preview shows how white text looks on a background with the XYZ color 9.5592, 17.5741,

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

9.5592, 17.5741, 3.3038

Protanopia

15.6329, 17.3270, 2.6641

Deuteranopia

17.5003, 17.2705, 3.7075



Tritanopia

14.0907, 17.6454, 25.5849

Trichromacy



Original Color

9.5592, 17.5741, 3.3038

Protanomaly

12.2724, 16.8361, 2.8326

Deuteranomaly

12.9566, 16.4520, 3.4124

Tritanomaly

11.4111, 17.1235, 12.6013

Monochromacy



Original Color

9.5592, 17.5741, 3.3038

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

9.1120, 12.5511, 6.7928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.5592, 17.5741, 3.3038 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(42, 134, 14)` looks like.

```
.text, #text, p{  
    color:rgb(42, 134, 14)  
}
```

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(42, 134, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 134, 14) }
```

Border

The CSS property to change the border of an element to XYZ 9.5592, 17.5741, 3.3038 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(42, 134, 14) }
```


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

```
.border{ border-color:rgb(42, 134, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 134, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 134, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 134, 14);  
box-shadow:4px 4px 4px 4px rgb(42, 134,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 9.5592, 17.5741, 3.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 134, 14) }
```

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

```
.background{ background-color: rgb(42, 134,  
14) }
```

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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