

Converting Colors

XYZ(9.5162, 17.5218, 3.5022)

Have a look what the booklet for
XYZ(9.5162, 17.5218, 3.5022)
contains.

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Color

**XYZ(9.5177, 17.5483,
3.5016)**

Conversions

Conversions Part 1

Format	Color
Hex	288613
RGB	40, 134, 19
RGB Percent	16%, 53%, 7%
CMY	0.8431, 0.4745, 0.9255
CMYK	0.70, 0.00, 0.86, 0.47
HSL	109°, 75%, 30%
HSV	109°, 86%, 53%
XYZ	9.5177, 17.5483, 3.5016
YIQ	92.7840, -19.1090, -55.6930

Conversions

Conversions Part 2

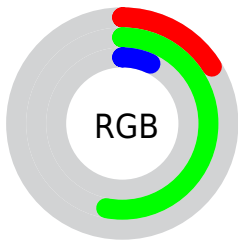
Format	Color
R_{YB}	19, 134, 113
Decimal	2655763
CIE Lab	48.94, -47.74, 48.37
CIE LCh	49, 67.965, 134.627
Yxy	17.5483, 0.3114, 0.5741
Android (android.graphics.Color)	4280845843 (0xFF288613)
YUV	92.7840, -36.3755, -46.2916
Hunter-Lab	41.8907, -32.7529, 24.3675

Details

The XYZ color **9.5177, 17.5483, 3.5016** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **11.3473, 5.6985, 23.0570**, and the grayscale version is **10.4399, 10.9835, 11.9611**.

A 20% lighter version of the original color is **24.4748, 39.1702, 12.7492**, and **3.0933, 6.1865, 1.0311** is the 20% darker color. If you saturate the color by 10%, you get **9.0642, 17.3251, 3.0273**, and if you desaturate by 10%, it is **10.1546, 17.8600, 4.3077**.

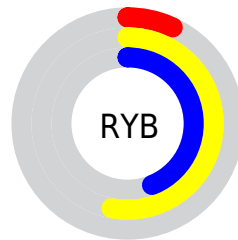
Distribution



Red (16%)

Green (53%)

Blue (7%)



Red (7%)

Yellow (53%)

Blue (44%)

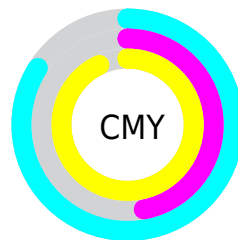


Cyan (70%)

Magenta (0%)

Yellow (86%)

Black (47%)



Cyan (84%)

Magenta (47%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.5177, 17.5483, 3.5016 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 9.5177, 17.5483, 3.5016 by changing the saturation by 10% instead.

■ 9.5177, 17.5483,
3.5016

■ 9.5177, 17.5483,
3.5016

181.3208,
238.3126, 142.5132

■ 5.1402, 10.6262,
1.3561

■ 24.5423, 39.2661,
12.8429

■ 2.3653, 5.8161,
0.1071

■ 35.9201, 54.8306,
20.8759

■ 0.8278, 2.7336,
0.0000

■ 50.3620, 74.0447,
31.7084

■ 0.0000, 0.9943,
0.0000


■ 68.2334, 97.2927,
45.7590


■ 0.0000, 0.0000,
0.0000


■ 89.8996, 124.9591,
63.4462


■ 115.7260,


157.4283, 85.1886


 146.0780,
195.0847, 111.4048


 9.5177, 17.5483,
3.5016


 9.5177, 17.5483,
3.5016


 9.0642, 17.3251,
3.0273

 10.1546, 17.8600,
4.3077

 8.9133, 17.2508,
2.8600

 10.9956, 18.2678,
5.5113

 12.0574, 18.7799,
7.1552

 13.3547, 19.4030,
9.2765

 14.9008, 20.1434,
11.9083

■ 16.7081, 21.0068,
15.0808

■ 18.7880, 21.9984,
18.8218

■ 21.1514, 23.1232,
23.1574

■ 23.8084, 24.3860,
28.1117

Harmonies

Analogous

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



13.7956, 17.5483, 1.3430



9.5177, 17.5483, 3.5016



7.4934, 17.5483, 11.2879

Triad

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



9.5177, 17.5483, 3.5016



13.6613, 17.5483, 76.1200



31.4119, 17.5483, 11.5991

Complementary

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



9.5177, 17.5483, 3.5016



11.3473, 5.6985, 23.0570

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.



31.3494, 17.5483, 29.8949



9.5177, 17.5483, 3.5016



19.9388, 17.5483, 76.4153

Square

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



9.5177, 17.5483, 3.5016



9.4409, 17.5483, 55.4516



26.7517, 17.5483, 56.1066



26.9054, 17.5483, 3.6061

Rectangle

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



9.5177, 17.5483, 3.5016



7.2640, 17.5483, 22.0532



26.7517, 17.5483, 56.1066



31.9551, 17.5483, 16.4358

Sweetspot

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



9.5181, 17.5490, 3.5020



29.1799, 36.8878, 26.1134



15.8457, 16.9079, 3.0447



6.3570, 8.2069, 5.4995



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.



9.5181, 17.5490, 3.5020



15.6055, 30.3424, 5.0342



9.4938, 17.4693, 6.5391



4.6898, 5.2427, 4.9941



8.3599, 16.1696, 2.6804



0.0335, 0.0584, 0.0095

Inverse Universe

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



11.3473, 5.6985, 23.0570



18.6929, 8.7607, 40.4442



12.2500, 6.4085, 12.0446



4.7768, 4.7210, 5.8602



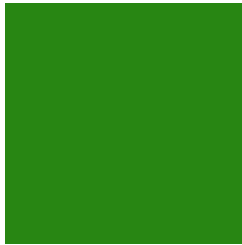
10.0131, 4.6961, 21.5154



0.0401, 0.0190, 0.0748

Previews

White Background



This preview shows how the XYZ color 9.5177, 17.5483, 3.5016 looks on a white background.

Color Contrast Check

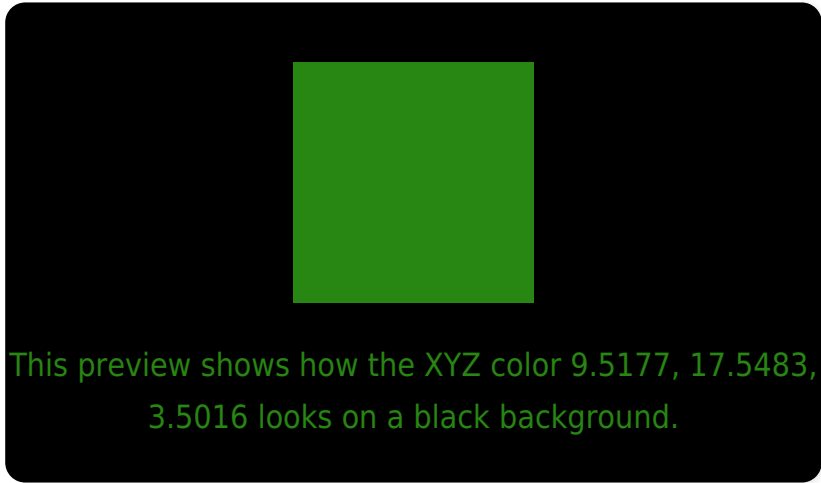
Large Text (above 18pt) WCAG AA ✓ Pass

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

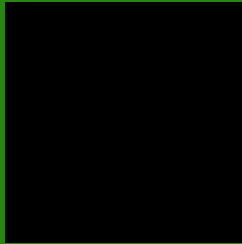
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 9.5177, 17.5483, 3.5016

Background



This preview shows how black text looks on a background with the XYZ color 9.5177, 17.5483, 3.5016.



This preview shows how white text looks on a background with the XYZ color 9.5177, 17.5483,

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

9.5177, 17.5483, 3.5016

Protanopia

15.5240, 17.2657, 2.8952

Deuteranopia

17.5417, 17.2871, 3.9256



Tritanopia

14.0215, 17.6098, 25.5817

Trichromacy



Original Color

9.5177, 17.5483, 3.5016



Protanomaly

12.0989, 16.7418, 3.0457



Deuteranomaly

12.8820, 16.4082, 3.6505



Tritanomaly

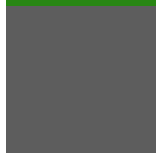
11.3823, 17.0985, 13.0564

Monochromacy



Original Color

9.5177, 17.5483, 3.5016



Achromatopsia

10.4043, 10.9462, 11.9204



Achromatomaly

9.1700, 12.5743, 7.0980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.5177, 17.5483, 3.5016 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(40, 134, 19)` looks like.

```
.text, #text, p{  
    color:rgb(40, 134, 19)  
}
```

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(40, 134, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 134, 19) }
```

Border

The CSS property to change the border of an element to XYZ 9.5177, 17.5483, 3.5016 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(40, 134, 19) }
```


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

```
.border{ border-color:rgb(40, 134, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 134, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 134, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 134, 19);  
box-shadow:4px 4px 4px 4px rgb(40, 134,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 9.5177, 17.5483, 3.5016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 134, 19) }
```

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

```
.background{ background-color: rgb(40, 134,  
19) }
```

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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