

Converting Colors

XYZ(9.2913, 18.5409, 3.0891)

Have a look what the booklet for
XYZ(9.2913, 18.5409, 3.0891)
contains.

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Color

**XYZ(9.2577, 18.4781,
3.0787)**

Conversions

Conversions Part 1

Format	Color
Hex	028B00
RGB	2, 139, 0
RGB Percent	1%, 55%, 0%
CMY	0.9921, 0.4549, 1.0000
CMYK	0.99, 0.00, 1.00, 0.45
HSL	119°, 100%, 27%
HSV	119°, 100%, 55%
XYZ	9.2577, 18.4781, 3.0787
YIQ	82.1910, -37.0330, -72.2730

Conversions

Conversions Part 2

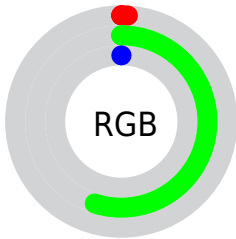
Format	Color
RYB	0, 139, 137
Decimal	166656
CIELab	50.07, -54.74, 52.99
CIELCh	50, 76.181, 135.932
Yxy	18.4781, 0.3004, 0.5997
Android (android.graphics.Color)	4278356736 (0xFF028B00)
YUV	82.1910, -40.5202, -70.3275
Hunter-Lab	42.9862, -36.7832, 25.8439

Details

The XYZ color **9.2577, 18.4781, 3.0787** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **14.9778, 7.1832, 25.0240**, and the grayscale version is **8.1437, 8.5678, 9.3304**.

A 20% lighter version of the original color is **24.1129, 40.9554, 11.7885**, and **3.4082, 6.8164, 1.1361** is the 20% darker color. If you saturate the color by 10%, you get **9.2579, 18.4788, 3.0788**, and if you desaturate by 10%, it is **9.5203, 18.6050, 3.5016**.

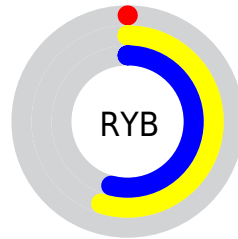
Distribution



Red (1%)

Green (55%)

Blue (0%)



Red (0%)

Yellow (55%)

Blue (54%)

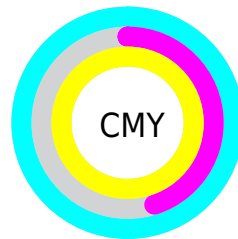


Cyan (99%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (99%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.2577, 18.4781, 3.0787 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 9.2577, 18.4781, 3.0787 by changing the saturation by 10% instead.

■ 9.2577, 18.4781,
3.0787

■ 9.2577, 18.4781,
3.0787

179.4555,
243.5522, 137.3567

■ 4.9681, 11.2938,
1.1350

■ 24.0522, 40.8503,
11.8220

■ 2.2631, 6.2648,
0.0000

■ 35.2878, 56.8070,
19.4587

■ 0.7757, 3.0068,
0.0000

■ 49.5694, 76.4566,
29.8301

■ 0.0000, 1.1353,
0.0000

■ 67.2624, 100.1836,
43.3547


■ 0.0000, 0.0079,
0.0000


■ 88.7322, 128.3722,
60.4512


■ 0.0000, 0.0000,
0.0000


■ 114.3440,


161.4069, 81.5380


 144.4634,
199.6721, 107.0336

 9.2577, 18.4781,
3.0787


 9.2577, 18.4781,
3.0787


 9.2579, 18.4788,
3.0788

 9.5203, 18.6050,
3.5016

 9.9586, 18.8160,
4.1937

 10.6465, 19.1469,
5.2980

 11.6138, 19.6119,
6.8651

 12.8858, 20.2231,
8.9381

■ 14.4852, 20.9913,
11.5554

■ 16.4326, 21.9265,
14.7518

■ 18.7466, 23.0376,
18.5588

■ 21.4448, 24.3329,
23.0061

Harmonies

Analogous

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



13.9712, 18.4781, 0.9141



9.2577, 18.4781, 3.0787



7.1320, 18.4781, 11.8162

Triad

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



9.2577, 18.4781, 3.0787



14.3548, 18.4781, 90.1650



34.9009, 18.4781, 10.9491

Complementary

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



9.2577, 18.4781, 3.0787



14.9778, 7.1832, 25.0240

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.



35.0887, 18.4781, 31.6128



9.2577, 18.4781, 3.0787



21.7227, 18.4781, 89.2447

Square

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



9.2577, 18.4781, 3.0787



9.4708, 18.4781, 65.2902



29.7609, 18.4781, 63.2767



29.3026, 18.4781, 2.8207

Rectangle

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



9.2577, 18.4781, 3.0787



6.9432, 18.4781, 24.5859



29.7609, 18.4781, 63.2767



35.6425, 18.4781, 16.2297

Sweetspot

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



9.2581, 18.4789, 3.0791



29.1769, 39.1452, 26.0062



19.5489, 23.2913, 3.4656



6.4100, 8.8696, 5.4782



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.



9.2581, 18.4789, 3.0791



16.5666, 33.0849, 5.5129



10.2519, 18.8735, 8.4427



4.9781, 5.6114, 5.3731



8.3567, 16.6780, 2.7787



0.0563, 0.1112, 0.0185

Inverse Universe

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



14.9778, 7.1832, 25.0240



26.8088, 12.8564, 44.8115



11.8119, 5.9550, 6.6275



5.2269, 5.1254, 6.3197



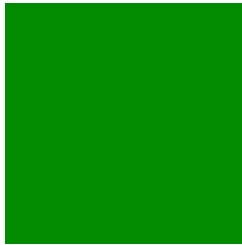
13.5189, 6.4834, 22.5846



0.0909, 0.0436, 0.1501

Previews

White Background



This preview shows how the XYZ color 9.2577, 18.4781, 3.0787 looks on a white background.

Color Contrast Check

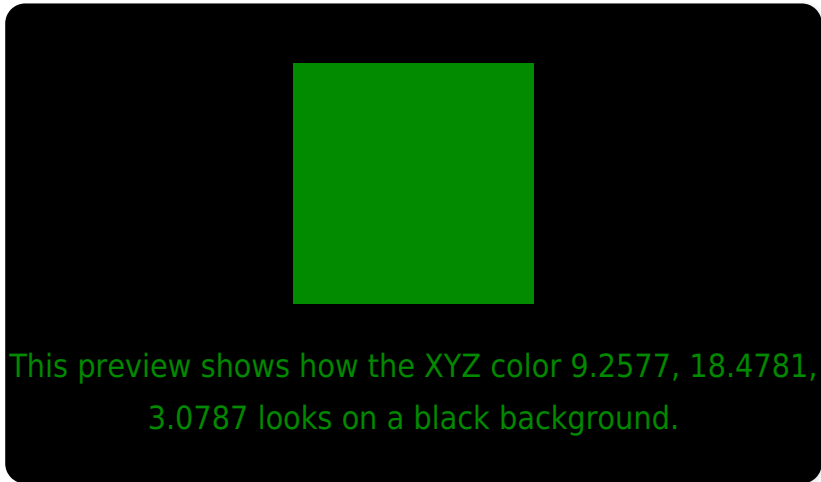
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

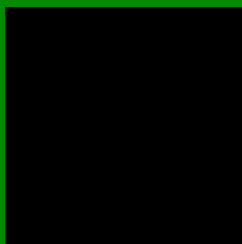
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 9.2577, 18.4781, 3.0787

Background



This preview shows how black text looks on a background with the XYZ color 9.2577, 18.4781, 3.0787.



This preview shows how white text looks on a background with the XYZ color 9.2577, 18.4781, 3.0787.

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

9.2577, 18.4781, 3.0787

Protanopia

16.4283, 18.2620, 2.6590

Deuteranopia

18.5339, 18.2936, 3.7825



Tritanopia

14.3288, 18.4935, 27.6253

Trichromacy



Original Color

9.2577, 18.4781, 3.0787



Protanomaly

11.2986, 16.9001, 2.6666



Deuteranomaly

11.9009, 16.4529, 3.1646



Tritanomaly

10.9900, 17.9084, 12.3286

Monochromacy



Original Color

9.2577, 18.4781, 3.0787



Achromatopsia

8.0200, 8.4376, 9.1886



Achromatomaly

6.9383, 10.7053, 4.9495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.2577, 18.4781, 3.0787 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(2, 139, 0)` looks like.

```
.text, #text, p{  
    color:rgb(2, 139, 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(2, 139, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 139, 0) }
```

Border

The CSS property to change the border of an element to XYZ 9.2577, 18.4781, 3.0787 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(2, 139, 0) }
```


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

```
.border{ border-color:rgb(2, 139, 0) }
```

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

Here you see how a box with a 4 pixel rgb(2, 139, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 139, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 139, 0); box-shadow:4px  
4px 4px 4px rgb(2, 139, 0) }
```

Background

The CSS property to change the background color of an element to XYZ 9.2577, 18.4781, 3.0787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 139, 0) }
```

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

```
.background{ background-color: rgb(2, 139,  
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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