

Converting Colors

XYZ(9.2508, 17.4246, 2.8930)

Have a look what the booklet for
XYZ(9.2508, 17.4246, 2.8930)
contains.

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Color

**XYZ(9.2581, 17.4275,
2.9046)**

Conversions

Conversions Part 1

Format	Color
Hex	248601
RGB	36, 134, 1
RGB Percent	14%, 53%, 0%
CMY	0.8588, 0.4745, 0.9960
CMYK	0.73, 0.00, 0.99, 0.47
HSL	104°, 99%, 26%
HSV	104°, 99%, 53%
XYZ	9.2581, 17.4275, 2.9046
YIQ	89.5360, -15.7150, -62.1390

Conversions

Conversions Part 2

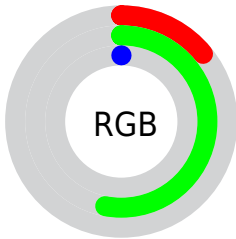
Format	Color
R_{YB}	1, 134, 99
Decimal	2393601
CIE _{Lab}	48.79, -49.23, 51.95
CIE _{LCh}	49, 71.575, 133.458
Yxy	17.4275, 0.3129, 0.5890
Android (android.graphics.Color)	4280583681 (0xFF248601)
YUV	89.5360, -43.6482, -46.9511
Hunter-Lab	41.7463, -33.4699, 25.0971

Details

The XYZ color **9.2581, 17.4275, 2.9046** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **9.4614, 4.3967, 22.9053**, and the grayscale version is **9.7118, 10.2176, 11.1269**.

A 20% lighter version of the original color is **24.0036, 38.9565, 11.4085**, and **3.0933, 6.1865, 1.0311** is the 20% darker color. If you saturate the color by 10%, you get **9.2273, 17.4128, 2.8747**, and if you desaturate by 10%, it is **9.7286, 17.6617, 3.3265**.

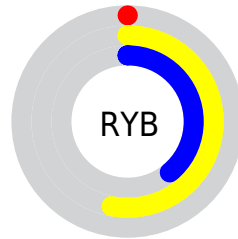
Distribution



Red (14%)

Green (53%)

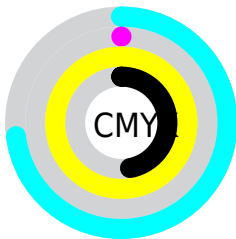
Blue (0%)



Red (0%)

Yellow (53%)

Blue (39%)

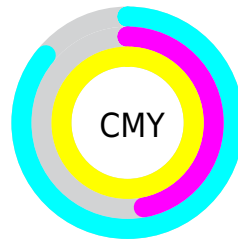


Cyan (73%)

Magenta (0%)

Yellow (99%)

Black (47%)



Cyan (86%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.2581, 17.4275, 2.9046 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 9.2581, 17.4275, 2.9046 by changing the saturation by 10% instead.

■ 9.2581, 17.4275,
2.9046

■ 9.2581, 17.4275,
2.9046

179.4584,
237.6240, 135.1361

■ 4.9684, 10.5398,
1.0461

■ 24.0529, 39.0593,
11.3921

■ 2.2633, 5.7583,
0.0000

■ 35.2887, 54.5722,
18.8582

■ 0.7758, 2.6987,
0.0000

■ 49.5706, 73.7290,
29.0307

■ 0.0000, 0.9765,
0.0000


■ 67.2639, 96.9139,
42.3279


■ 0.0000, 0.0000,
0.0000


■ 88.7340, 124.5115,
59.1686


■ 114.3462,


156.9062, 79.9711


 144.4659,
194.4822, 105.1541


 9.2581, 17.4275,
2.9046


 9.2581, 17.4275,
2.9046


 9.2273, 17.4128,
2.8747

 9.7286, 17.6617,
3.3265

 10.3496, 17.9674,
4.0093

 11.1508, 18.3577,
5.0728

 12.1465, 18.8391,
6.5618

 13.3494, 19.4172,
8.5148

■ 14.7712, 20.0974,
10.9663

■ 16.4225, 20.8844,
13.9470

■ 18.3133, 21.7828,
17.4857

■ 20.4530, 22.7968,
21.6087

Harmonies

Analogous

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



13.7737, 17.4275, 1.0159



9.2581, 17.4275, 2.9046



7.1098, 17.4275, 10.3702

Triad

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



9.2581, 17.4275, 2.9046



13.1965, 17.4275, 79.8087



32.2934, 17.4275, 11.6900

Complementary

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



9.2581, 17.4275, 2.9046



9.4614, 4.3967, 22.9053

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.



32.0173, 17.4275, 31.3697



9.2581, 17.4275, 2.9046



19.7085, 17.4275, 81.1400

Square

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



9.2581, 17.4275, 2.9046



8.9331, 17.4275, 56.7417



26.9587, 17.4275, 59.6719



27.6349, 17.4275, 3.3202

Rectangle

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



9.2581, 17.4275, 2.9046



6.8269, 17.4275, 21.2615



26.9587, 17.4275, 59.6719



32.8056, 17.4275, 16.8597

Sweetspot

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



9.2585, 17.4282, 2.9050



28.4972, 36.5869, 23.7716



14.2557, 13.9071, 1.9620



6.1802, 8.1284, 4.9193



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.



9.2585, 17.4282, 2.9050



16.1300, 30.6128, 5.0587



8.7994, 17.1620, 4.2182



4.7228, 5.2596, 4.9957



8.6561, 16.3223, 2.6943



0.0361, 0.0597, 0.0096

Inverse Universe

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



9.4614, 4.3967, 22.9053



16.4508, 7.6049, 40.3392



12.2897, 6.0692, 13.3481



4.7415, 4.7029, 5.8586



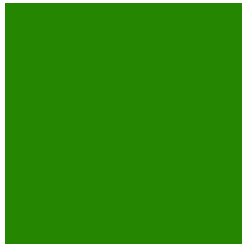
8.8392, 4.0909, 21.4604



0.0375, 0.0177, 0.0747

Previews

White Background



This preview shows how the XYZ color 9.2581, 17.4275, 2.9046 looks on a white background.

Color Contrast Check

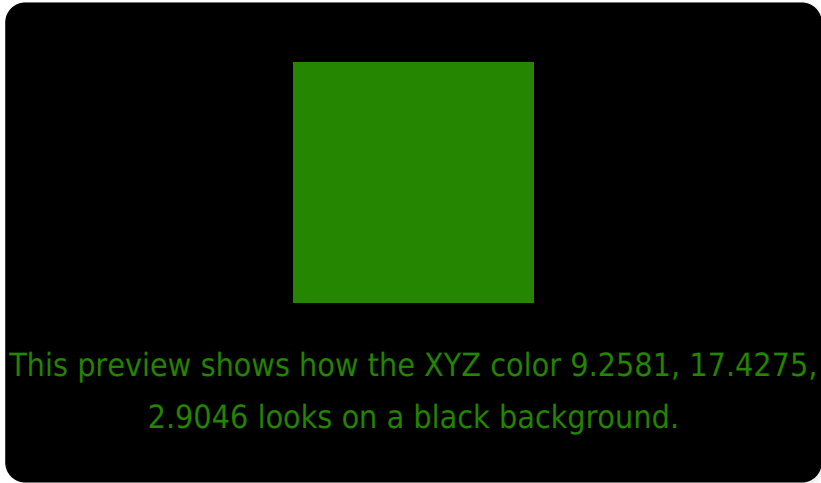
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 9.2581, 17.4275, 2.9046

Background



This preview shows how black text looks on a background with the XYZ color 9.2581, 17.4275, 2.9046.



This preview shows how white text looks on a background with the XYZ color 9.2581, 17.4275,

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

9.2581, 17.4275, 2.9046

Protanopia

15.4513, 17.2366, 2.5126

Deuteranopia

17.3675, 17.0457, 3.5372



Tritanopia

13.8868, 17.5403, 25.5754

Trichromacy



Original Color

9.2581, 17.4275, 2.9046

Protanomaly

11.9068, 16.6527, 2.5867

Deuteranomaly

12.4217, 16.0071, 3.0511

Tritanomaly

10.9202, 16.8945, 11.4895

Monochromacy



Original Color

9.2581, 17.4275, 2.9046

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

8.4435, 11.9156, 5.8579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.2581, 17.4275, 2.9046 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(36, 134, 1)` looks like.

```
.text, #text, p{  
    color:rgb(36, 134, 1)  
}
```

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(36, 134, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 134, 1) }
```

Border

The CSS property to change the border of an element to XYZ 9.2581, 17.4275, 2.9046 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(36, 134, 1) }
```


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

```
.border{ border-color:rgb(36, 134, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 134, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 134, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 134, 1);  
box-shadow:4px 4px 4px 4px rgb(36, 134, 1)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.2581, 17.4275, 2.9046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 134, 1) }
```

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

```
.background{ background-color: rgb(36, 134,  
1) }
```

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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