

Converting Colors

XYZ(10.5921, 20.9985, 3.7522)

Have a look what the booklet for
XYZ(10.5921, 20.9985, 3.7522)
contains.

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Color

**XYZ(10.5581, 20.9259,
3.7411)**

Conversions

Conversions Part 1

Format	Color
Hex	069309
RGB	6, 147, 9
RGB Percent	2%, 58%, 4%
CMY	0.9765, 0.4235, 0.9647
CMYK	0.96, 0.00, 0.94, 0.42
HSL	121°, 92%, 30%
HSV	121°, 96%, 58%
XYZ	10.5581, 20.9259, 3.7411
YIQ	89.1090, -39.7380, -72.8100

Conversions

Conversions Part 2

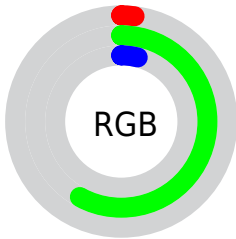
Format	Color
RYB	6, 144, 147
Decimal	430857
CIELab	52.87, -56.49, 53.72
CIELCh	53, 77.955, 136.441
Yxy	20.9259, 0.2997, 0.5941
Android (android.graphics.Color)	4278620937 (0xFF069309)
YUV	89.1090, -39.4937, -72.8866
Hunter-Lab	45.7448, -38.8549, 27.1725

Details

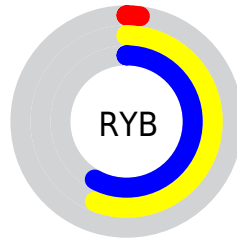
The XYZ color **10.5581, 20.9259, 3.7411** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **17.1312, 8.3466, 27.0881**, and the grayscale version is **9.6112, 10.1117, 11.0116**.

A 20% lighter version of the original color is **26.4101, 44.8328, 13.3925**, and **4.0922, 8.1844, 1.3641** is the 20% darker color. If you saturate the color by 10%, you get **10.4514, 20.8752, 3.5688**, and if you desaturate by 10%, it is **10.8957, 21.0879, 4.3278**.

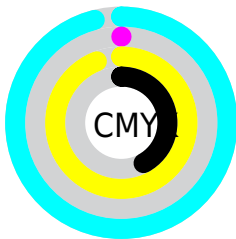
Distribution



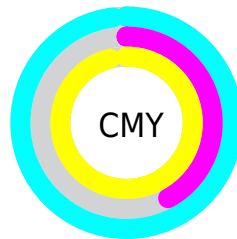
- Red (2%)
- Green (58%)
- Blue (4%)



- Red (2%)
- Yellow (56%)
- Blue (58%)



- Cyan (96%)
- Magenta (0%)
- Yellow (94%)
- Black (42%)



- Cyan (98%)
- Magenta (42%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5581, 20.9259, 3.7411 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 10.5581, 20.9259, 3.7411 by changing the saturation by 10% instead.

■ 10.5581, 20.9259,
3.7411

■ 10.5581, 20.9259,
3.7411

188.5818,
256.8844, 145.3027

■ 5.8356, 13.0698,
1.4844

■ 26.4803, 44.9642,
13.4081

■ 2.7851, 7.4767,
0.2063

■ 38.4108, 61.9152,
21.6555

■ 1.0412, 3.7619,
0.0000

■ 53.4746, 82.6667,
32.7369

■ 0.0000, 1.5413,
0.0000

■ 72.0372, 107.6030,
47.0709


■ 0.0000, 0.3175,
0.0000


■ 94.4638, 137.1085,
65.0759


■ 0.0000, 0.0000,
0.0000


■ 121.1199,


171.5676, 87.1705


 152.3708,
211.3648, 113.7732


 10.5581, 20.9259,
3.7411


 10.5581, 20.9259,
3.7411


 10.4514, 20.8752,
3.5688

 10.8957, 21.0879,
4.3278

 11.4872, 21.3712,
5.3351

 12.3780, 21.7984,
6.8240

 13.6005, 22.3851,
8.8445

 15.1831, 23.1452,
11.4402

■ 17.1509, 24.0906,
14.6505

■ 19.5271, 25.2326,
18.5111

■ 22.3326, 26.5812,
23.0550

■ 25.5873, 28.1461,
28.3131

Harmonies

Analogous

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



15.7760, 20.9259, 1.1571



10.5581, 20.9259, 3.7411



8.2145, 20.9259, 13.8000

Triad

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



10.5581, 20.9259, 3.7411



16.4373, 20.9259, 100.1774



39.0215, 20.9259, 12.2973

Complementary

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



10.5581, 20.9259, 3.7411



17.1312, 8.3466, 27.0881

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.



39.3421, 20.9259, 35.0084



10.5581, 20.9259, 3.7411



24.6622, 20.9259, 98.6178

Square

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



10.5581, 20.9259, 3.7411



10.9277, 20.9259, 73.2310



33.5427, 20.9259, 69.8098



32.7593, 20.9259, 3.2826

Rectangle

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



10.5581, 20.9259, 3.7411



8.0285, 20.9259, 28.1989



33.5427, 20.9259, 69.8098



39.8768, 20.9259, 18.1121

Sweetspot

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



10.5586, 20.9268, 3.7416



33.3177, 44.3926, 30.4698



22.0830, 26.8697, 4.1946



7.2316, 9.9541, 6.3476



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



10.5586, 20.9268, 3.7416



18.7078, 37.3797, 6.3465



11.9150, 21.4693, 10.8844



5.7343, 6.4703, 6.2119



9.0616, 18.0974, 3.1002



0.1119, 0.2219, 0.0432

Inverse Universe

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



17.1312, 8.3466, 27.0881



30.5354, 14.7034, 48.3311



13.3393, 6.8299, 7.1201



6.0300, 5.9071, 7.2642



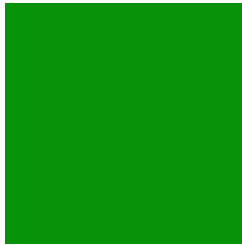
14.7875, 7.1201, 23.4258



0.1824, 0.0877, 0.2940

Previews

White Background



This preview shows how the XYZ color 10.5581, 20.9259, 3.7411 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



This preview shows how the XYZ color 10.5581, 20.9259, 3.7411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

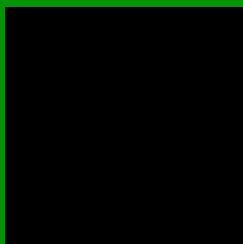
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 10.5581, 20.9259, 3.7411

Background



This preview shows how black text looks on a background with the XYZ color 10.5581, 20.9259, 3.7411.



This preview shows how white text looks on a background with the XYZ color 10.5581, 20.9259,

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

10.5581, 20.9259, 3.7411

Protanopia

18.6162, 20.6725, 3.0090

Deuteranopia

20.9719, 20.5726, 4.3044



Tritanopia

16.2776, 21.0536, 31.2228

Trichromacy



Original Color

10.5581, 20.9259, 3.7411



Protanomaly

13.0557, 19.3839, 3.1395



Deuteranomaly

13.6086, 18.6500, 3.7467



Tritanomaly

12.6374, 20.4051, 14.5818

Monochromacy



Original Color

10.5581, 20.9259, 3.7411



Achromatopsia

9.4954, 9.9899, 10.8790



Achromatomaly

8.1952, 12.4079, 6.2380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5581, 20.9259, 3.7411 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(6, 147, 9)` looks like.

```
.text, #text, p{  
    color:rgb(6, 147, 9)  
}
```

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(6, 147, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 147, 9) }
```

Border

The CSS property to change the border of an element to XYZ 10.5581, 20.9259, 3.7411 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(6, 147, 9) }
```


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

```
.border{ border-color:rgb(6, 147, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 147, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 147, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 147, 9); box-shadow:4px  
4px 4px 4px rgb(6, 147, 9) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5581, 20.9259, 3.7411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 147, 9) }
```

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

```
.background{ background-color: rgb(6, 147,  
9) }
```

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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