

Converting Colors

XYZ(10.6155, 21.1651, 3.7405)

Have a look what the booklet for
XYZ(10.6155, 21.1651, 3.7405)
contains.

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Color

**XYZ(10.6283, 21.1951,
3.7319)**

Conversions

Conversions Part 1

Format	Color
Hex	009407
RGB	0, 148, 7
RGB Percent	0%, 58%, 3%
CMY	1.0000, 0.4196, 0.9725
CMYK	1.00, 0.00, 0.95, 0.42
HSL	123°, 100%, 29%
HSV	123°, 100%, 58%
XYZ	10.6283, 21.1951, 3.7319
YIQ	87.6740, -42.9470, -75.2270

Conversions

Conversions Part 2

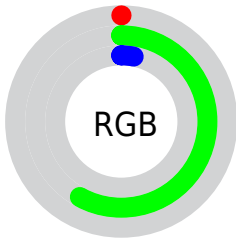
Format	Color
RYB	0, 141, 148
Decimal	37895
CIELab	53.16, -57.23, 54.28
CIELCh	53, 78.875, 136.514
Yxy	21.1951, 0.2989, 0.5961
Android (android.graphics.Color)	4278227975 (0xFF009407)
YUV	87.6740, -39.7723, -76.8901
Hunter-Lab	46.0381, -39.3585, 27.4206

Details

The XYZ color **10.6283, 21.1951, 3.7319** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **17.0209, 8.2193, 25.8882**, and the grayscale version is **9.2964, 9.7806, 10.6510**.

A 20% lighter version of the original color is **26.5178, 45.2415, 13.2961**, and **4.0922, 8.1844, 1.3641** is the 20% darker color. If you saturate the color by 10%, you get **10.6287, 21.1959, 3.7322**, and if you desaturate by 10%, it is **10.9206, 21.3351, 4.2574**.

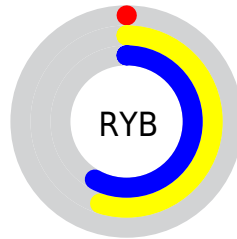
Distribution



Red (0%)

Green (58%)

Blue (3%)



Red (0%)

Yellow (55%)

Blue (58%)

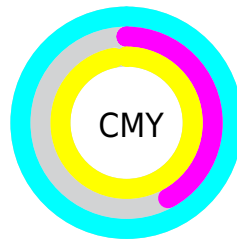


Cyan (100%)

Magenta (0%)

Yellow (95%)

Black (42%)



Cyan (100%)

Magenta (42%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6283, 21.1951, 3.7319 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 10.6283, 21.1951, 3.7319 by changing the saturation by 10% instead.

■ 10.6283, 21.1951,
3.7319

■ 10.6283, 21.1951,
3.7319

189.0608,
258.3135, 145.1971

■ 5.8829, 13.2667,
1.4794

■ 26.6098, 45.4120,
13.3866

■ 2.8140, 7.6124,
0.2025

■ 38.5767, 62.4693,
21.6259

■ 1.0562, 3.8480,
0.0000

■ 53.6815, 83.3383,
32.6978

■ 0.0000, 1.5889,
0.0000

■ 72.2895, 108.4035,
47.0211


■ 0.0000, 0.3501,
0.0000


■ 94.7660, 138.0492,
65.0141


■ 0.0000, 0.0000,
0.0000


■ 121.4765,


172.6599, 87.0954


 152.7864,
212.6198, 113.6836


 10.6283, 21.1951,
3.7319


 10.6283, 21.1951,
3.7319

 10.6287, 21.1959,
3.7322

 10.9206, 21.3351,
4.2574

 11.4209, 21.5733,
5.1687

 12.2076, 21.9495,
6.5335

 13.3150, 22.4803,
8.4004

 14.7727, 23.1798,
10.8116

■ 16.6066, 24.0609,
13.8051

■ 18.8404, 25.1349,
17.4153

■ 21.4959, 26.4123,
21.6741

■ 24.5931, 27.9029,
26.6110

Harmonies

Analogous

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



15.9333, 21.1951, 1.1299



10.6283, 21.1951, 3.7319



8.2535, 21.1951, 13.9612

Triad

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



10.6283, 21.1951, 3.7319



16.6418, 21.1951, 102.3945



39.6934, 21.1951, 12.3546

Complementary

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



10.6283, 21.1951, 3.7319



17.0209, 8.2193, 25.8882

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.



40.0382, 21.1951, 35.4891



10.6283, 21.1951, 3.7319



25.0410, 21.1951, 100.7121

Square

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



10.6283, 21.1951, 3.7319



11.0233, 21.1951, 74.8005



34.1165, 21.1951, 71.1140



33.2744, 21.1951, 3.2466

Rectangle

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



10.6283, 21.1951, 3.7319



8.0687, 21.1951, 28.6731



34.1165, 21.1951, 71.1140



40.5743, 21.1951, 18.2624

Sweetspot

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



10.6288, 21.1960, 3.7324



32.9830, 44.2232, 30.3106



21.9300, 27.0264, 4.0610



7.1690, 9.9220, 6.3382



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.



10.6288, 21.1960, 3.7324



18.7350, 37.3906, 6.4896



11.9994, 21.7442, 10.9500



5.7401, 6.4726, 6.2421



9.0812, 18.1053, 3.2032



0.1134, 0.2225, 0.0508

Inverse Universe

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



17.0209, 8.2193, 25.8882



30.0129, 14.4945, 45.5799



13.2897, 6.7269, 6.2399



6.0236, 5.9045, 7.2303



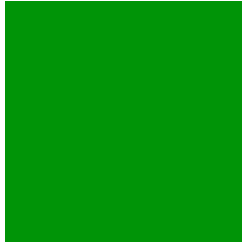
14.5409, 7.0214, 22.1269



0.1809, 0.0871, 0.2863

Previews

White Background



This preview shows how the XYZ color 10.6283, 21.1951, 3.7319 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 10.6283, 21.1951, 3.7319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

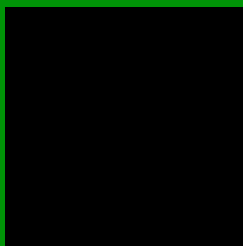
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 10.6283, 21.1951, 3.7319

Background



This preview shows how black text looks on a background with the XYZ color 10.6283, 21.1951, 3.7319.



This preview shows how white text looks on a background with the XYZ color 10.6283, 21.1951,

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

10.6283, 21.1951, 3.7319

Protanopia

18.9171, 21.0184, 3.0599

Deuteranopia

21.2891, 20.9137, 4.3535



Tritanopia

16.4999, 21.3710, 31.6892

Trichromacy



Original Color

10.6283, 21.1951, 3.7319



Protanomaly

12.9948, 19.5587, 3.1765



Deuteranomaly

13.5143, 18.7979, 3.7802



Tritanomaly

12.6674, 20.6404, 14.6256

Monochromacy



Original Color

10.6283, 21.1951, 3.7319



Achromatopsia

9.2757, 9.7587, 10.6273



Achromatomaly

7.9962, 12.3084, 6.0920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6283, 21.1951, 3.7319 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(0, 148, 7)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 7)  
}
```

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(0, 148, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 7) }
```

Border

The CSS property to change the border of an element to XYZ 10.6283, 21.1951, 3.7319 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(0, 148, 7) }
```


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

```
.border{ border-color:rgb(0, 148, 7) }
```

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

Here you see how a box with a 4 pixel rgb(0, 148, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 148, 7); box-shadow:4px  
4px 4px 4px rgb(0, 148, 7) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6283, 21.1951, 3.7319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 148, 7) }
```

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

```
.background{ background-color: rgb(0, 148,  
7) }
```

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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