

Converting Colors

XYZ(10.6063, 21.1864, 3.6165)

Have a look what the booklet for
XYZ(10.6063, 21.1864, 3.6165)
contains.

XYZ(10.6063, 21.1864, 3.6165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.6063, 21.1864,
3.6165)**

Conversions

Conversions Part 1

Format	Color
Hex	009403
RGB	0, 148, 3
RGB Percent	0%, 58%, 1%
CMY	1.0000, 0.4196, 0.9882
CMYK	1.00, 0.00, 0.98, 0.42
HSL	121°, 100%, 29%
HSV	121°, 100%, 58%
XYZ	10.6063, 21.1864, 3.6165
YIQ	87.2180, -41.6630, -76.4710

Conversions

Conversions Part 2

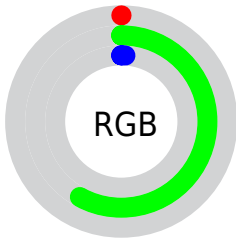
Format	Color
RYB	0, 145, 148
Decimal	37891
CIELab	53.15, -57.35, 54.94
CIELCh	53, 79.421, 136.231
Yxy	21.1864, 0.2995, 0.5983
Android (android.graphics.Color)	4278227971 (0xFF009403)
YUV	87.2180, -41.5195, -76.4902
Hunter-Lab	46.0287, -39.4188, 27.5616

Details

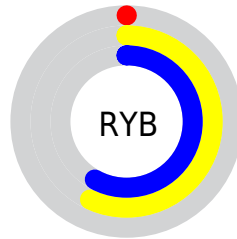
The XYZ color **10.6063, 21.1864, 3.6165** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **17.3235, 8.3403, 27.4816**, and the grayscale version is **9.2001, 9.6792, 10.5407**.

A 20% lighter version of the original color is **26.4859, 45.2288, 13.1284**, and **4.0922, 8.1844, 1.3641** is the 20% darker color. If you saturate the color by 10%, you get **10.6069, 21.1873, 3.6170**, and if you desaturate by 10%, it is **10.8893, 21.3227, 4.0932**.

Distribution



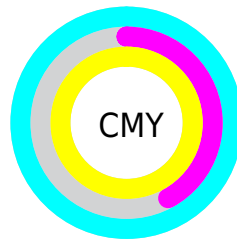
- Red (0%)
- Green (58%)
- Blue (1%)



- Red (0%)
- Yellow (57%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (98%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6063, 21.1864, 3.6165 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 10.6063, 21.1864, 3.6165 by changing the saturation by 10% instead.

■ 10.6063, 21.1864,
3.6165

■ 10.6063, 21.1864,
3.6165

188.9109,
258.2675, 143.8623

■ 5.8681, 13.2603,
1.4174

■ 26.5693, 45.3975,
13.1152

■ 2.8049, 7.6081,
0.1552

■ 38.5247, 62.4514,
21.2518

■ 1.0515, 3.8452,
0.0000

■ 53.6167, 83.3167,
32.2048

■ 0.0000, 1.5873,
0.0000

■ 72.2105, 108.3777,
46.3925


■ 0.0000, 0.3490,
0.0000


■ 94.6714, 138.0189,
64.2336


■ 0.0000, 0.0000,
0.0000


■ 121.3649,


172.6246, 86.1465


 152.6562,
212.5794, 112.5499


 10.6063, 21.1864,
3.6165


 10.6063, 21.1864,
3.6165


 10.6069, 21.1873,
3.6170

 10.8893, 21.3227,
4.0932

 11.3750, 21.5551,
4.9282

 12.1496, 21.9264,
6.2295

 13.2484, 22.4537,
8.0517

 14.7019, 23.1516,
10.4418

■ 16.5369, 24.0331,
13.4415

■ 18.7776, 25.1098,
17.0887

■ 21.4464, 26.3925,
21.4181

■ 24.5638, 27.8912,
26.4621

Harmonies

Analogous

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



15.9646, 21.1864, 1.0801



10.6063, 21.1864, 3.6165



8.2000, 21.1864, 13.7441

Triad

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



10.6063, 21.1864, 3.6165



16.5438, 21.1864, 103.0584



39.8829, 21.1864, 12.4333

Complementary

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



10.6063, 21.1864, 3.6165



17.3235, 8.3403, 27.4816

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.



40.1660, 21.1864, 35.8716



10.6063, 21.1864, 3.6165



24.9796, 21.1864, 101.6739

Square

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



10.6063, 21.1864, 3.6165



10.9285, 21.1864, 74.9395



34.1409, 21.1864, 71.9087



33.4502, 21.1864, 3.2243

Rectangle

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



10.6063, 21.1864, 3.6165



7.9998, 21.1864, 28.4425



34.1409, 21.1864, 71.9087



40.7510, 21.1864, 18.4178

Sweetspot

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



10.6069, 21.1873, 3.6170



32.8731, 44.1793, 29.7321



22.3621, 27.2493, 4.0810



7.1426, 9.9114, 6.1992



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.



10.6069, 21.1873, 3.6170



18.7067, 37.3793, 6.3407



11.9112, 21.7091, 10.4856



5.7341, 6.4702, 6.2106



9.0608, 18.0971, 3.0960



0.1118, 0.2219, 0.0429

Inverse Universe

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



17.3235, 8.3403, 27.4816



30.5570, 14.7121, 48.4449



13.3678, 6.7580, 6.6515



6.0303, 5.9072, 7.2656



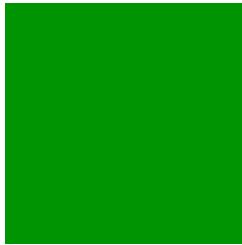
14.7977, 7.1241, 23.4795



0.1824, 0.0877, 0.2943

Previews

White Background



This preview shows how the XYZ color 10.6063, 21.1864, 3.6165 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 10.6063, 21.1864, 3.6165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

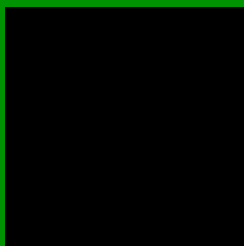
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 10.6063, 21.1864, 3.6165

Background



This preview shows how black text looks on a background with the XYZ color 10.6063, 21.1864, 3.6165.



This preview shows how white text looks on a background with the XYZ color 10.6063, 21.1864,

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

10.6063, 21.1864, 3.6165

Protanopia

18.9171, 21.0184, 3.0599

Deuteranopia

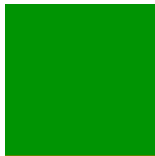
21.2753, 20.9082, 4.2808



Tritanopia

16.4999, 21.3710, 31.6892

Trichromacy



Original Color

10.6063, 21.1864, 3.6165



Protanomaly

12.9838, 19.5543, 3.1188



Deuteranomaly

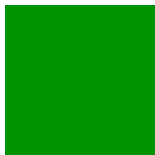
13.4848, 18.7861, 3.6248



Tritanomaly

12.6210, 20.6219, 14.3816

Monochromacy



Original Color

10.6063, 21.1864, 3.6165



Achromatopsia

9.0590, 9.5307, 10.3790



Achromatomaly

7.7580, 12.0350, 5.6555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6063, 21.1864, 3.6165 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, 3)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 3)  
}
```

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, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 3) }
```

Border

The CSS property to change the border of an element to XYZ 10.6063, 21.1864, 3.6165 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, 3) }
```


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

```
.border{ border-color:rgb(0, 148, 3) }
```

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, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 148, 3); box-shadow:4px  
4px 4px 4px rgb(0, 148, 3) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6063, 21.1864, 3.6165 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, 3) }
```

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

```
.background{ background-color: rgb(0, 148,  
3) }
```

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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