

Converting Colors

XYZ(32.6614, 62.7795, 18.7276)

Have a look what the booklet for
XYZ(32.6614, 62.7795, 18.7276)
contains.

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Color

**XYZ(32.7603, 62.9603,
18.8134)**

Conversions

Conversions Part 1

Format	Color
Hex	00F054
RGB	0, 240, 84
RGB Percent	0%, 94%, 33%
CMY	1.0000, 0.0588, 0.6706
CMYK	1.00, 0.00, 0.65, 0.06
HSL	141°, 100%, 47%
HSV	141°, 100%, 94%
XYZ	32.7603, 62.9603, 18.8134
YIQ	150.4560, -92.9640, -99.3960

Conversions

Conversions Part 2

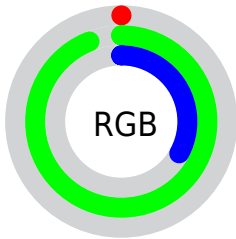
Format	Color
RYB	0, 178, 240
Decimal	61524
CIELab	83.42, -77.97, 60.02
CIELCh	83, 98.398, 142.412
Yxy	62.9603, 0.2860, 0.5497
Android (android.graphics.Color)	4278251604 (0xFF00F054)
YUV	150.4560, -32.7628, -131.9499
Hunter-Lab	79.3475, -65.1607, 41.4855

Details

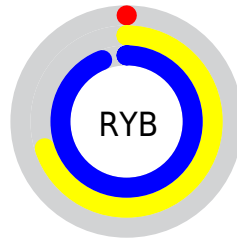
The XYZ color **32.7603, 62.9603, 18.8134** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated green. A complement of this color would be **41.9376, 20.9265, 33.2825**, and the grayscale version is **29.3483, 30.8767, 33.6247**.

A 20% lighter version of the original color is **47.2303, 76.8948, 36.7790**, and **16.8728, 33.5138, 6.3386** is the 20% darker color. If you saturate the color by 10%, you get **32.7617, 62.9628, 18.8144**, and if you desaturate by 10%, it is **33.8193, 63.4294, 22.4172**.

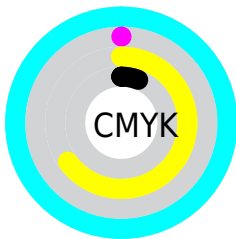
Distribution



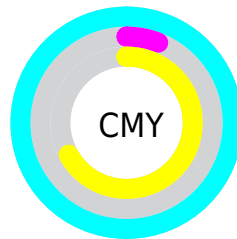
- Red (0%)
- Green (94%)
- Blue (33%)



- Red (0%)
- Yellow (70%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (65%)
- Black (6%)



- Cyan (100%)
- Magenta (6%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7603, 62.9603, 18.8134 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 32.7603, 62.9603, 18.8134 by changing the saturation by 10% instead.

■ 32.7603, 62.9603,
18.8134

■ 32.7603, 62.9603,
18.8134

306.2524,
435.4254, 257.8050

■ 22.1012, 45.8091,
11.3601

■ 63.3583, 109.1122,
42.2510

■ 14.0483, 32.0952,
6.1924

■ 84.0280, 138.8818,
59.0724

■ 8.2362, 21.4342,
2.8917

■ 108.7652,
173.6262, 79.8536

■ 4.2995, 13.4418,
1.0396

■ 137.9353,
213.7299, 105.0131

■ 1.8730, 7.7335,
0.0000

■ 171.9038,
259.5772, 134.9694

■ 0.5610, 3.9249,
0.0000

211.0359,

■ 0.0000, 1.6316,

311.5527, 170.1412

0.0000

255.6969,
370.0406, 210.9468

■ 0.0000, 0.3788,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 32.7603, 62.9603,
18.8134

■ 32.7603, 62.9603,
18.8134


■ 32.7617, 62.9628,
18.8144


■ 33.8193, 63.4294,
22.4172

■ 35.4868, 64.1937,
26.8019


■ 37.9177, 65.3340,
32.0159


■ 41.2056, 66.8977,
38.1006

 45.4299, 68.9250,
45.0945

 50.6603, 71.4510,
53.0336

 56.9597, 74.5076,
61.9519

 64.3858, 78.1239,
71.8817

 72.9920, 82.3266,
82.8537

Harmonies

Analogous

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



45.4615, 62.9603, 7.0868



32.7603, 62.9603, 18.8134



27.5759, 62.9603, 54.1153

Triad

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



32.7603, 62.9603, 18.8134



54.5618, 62.9603, 264.7883



106.6111, 62.9603, 32.6756

Complementary

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



32.7603, 62.9603, 18.8134



41.9376, 20.9265, 33.2825

Split Complementary

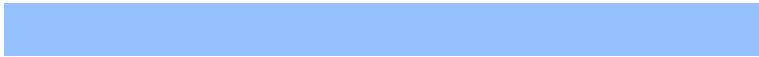
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



110.7076, 62.9603, 85.3543



32.7603, 62.9603, 18.8134



76.9738, 62.9603, 245.8524

Square

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



32.7603, 62.9603, 18.8134



38.0548, 62.9603, 211.1055



98.8099, 62.9603, 168.7223



88.6723, 62.9603, 11.1052

Rectangle

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



32.7603, 62.9603, 18.8134



27.9368, 62.9603, 97.1865



98.8099, 62.9603, 168.7223



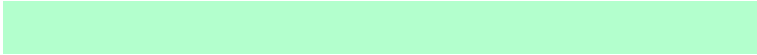
109.8023, 62.9603, 46.1809

Sweetspot

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



32.7618, 62.9629, 18.8148



65.2878, 85.4653, 70.9875



44.8724, 69.3910, 11.0289



13.2879, 17.9597, 14.2388



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.7618, 62.9629, 18.8148



37.5738, 72.2455, 21.4711



42.0610, 66.6825, 67.7835



15.7943, 17.7478, 17.9399



17.9904, 34.4882, 10.5982



1.5421, 2.8873, 1.1209

Inverse Universe

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



41.9376, 20.9265, 33.2825



48.0999, 24.0040, 38.0537



36.2552, 18.6535, 3.3589



16.2056, 15.9320, 18.6391



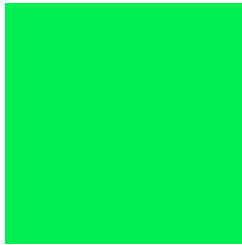
23.0216, 11.4811, 18.5624



1.9621, 0.9739, 1.7911

Previews

White Background



This preview shows how the XYZ color 32.7603, 62.9603, 18.8134 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.7603, 62.9603, 18.8134 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 ✓ Pass

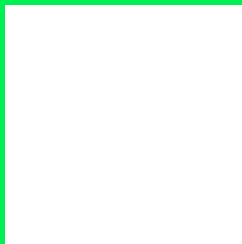
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7603, 62.9603, 18.8134

Background



This preview shows how black text looks on a background with the XYZ color 32.7603, 62.9603, 18.8134.



This preview shows how white text looks on a background with the XYZ color 32.7603, 62.9603,

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

32.7603, 62.9603, 18.8134

Protanopia

55.9744, 61.4736, 15.5720

Deuteranopia

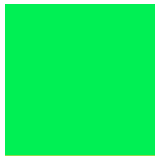
62.8176, 61.4325, 20.1021



Tritanopia

48.0326, 62.8629, 94.3962

Trichromacy



Original Color

32.7603, 62.9603, 18.8134



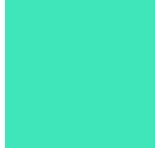
Protanomaly

38.3006, 56.8039, 16.1533



Deuteranomaly

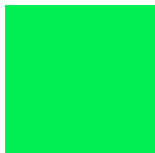
40.4196, 55.5587, 18.9495



Tritanomaly

39.0404, 61.1205, 55.6387

Monochromacy



Original Color

32.7603, 62.9603, 18.8134



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

25.4187, 37.8062, 25.6963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7603, 62.9603, 18.8134 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, 240, 84)` looks like.

```
.text, #text, p{  
    color:rgb(0, 240, 84)  
}
```

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, 240, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 240, 84) }
```

Border

The CSS property to change the border of an element to XYZ 32.7603, 62.9603, 18.8134 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, 240, 84) }
```


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

```
.border{ border-color:rgb(0, 240, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 240, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 240, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 240, 84);  
box-shadow:4px 4px 4px 4px rgb(0, 240, 84)  
}
```

Background

The CSS property to change the background color of an element to XYZ 32.7603, 62.9603, 18.8134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 240, 84) }
```

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

```
.background{ background-color: rgb(0, 240,  
84) }
```

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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