

Converting Colors

XYZ(31.4569, 43.7114, 26.9167)

Have a look what the booklet for
XYZ(31.4569, 43.7114, 26.9167)
contains.

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Color

**XYZ(31.4328, 43.7436,
26.8654)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7FC07F |
| RGB | 127, 192, 127 |
| RGB Percent | 50%, 75%, 50% |
| CMY | 0.5020, 0.2470, 0.5020 |
| CMYK | 0.34, 0.00, 0.34, 0.25 |
| HSL | 120°, 34%, 63% |
| HSV | 120°, 34%, 75% |
| XYZ | 31.4328, 43.7436, 26.8654 |
| YIQ | 165.1550, -17.8750, -33.9950 |

Conversions

Conversions Part 2

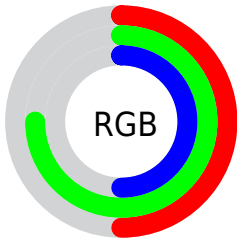
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 127, 192, 192 |
| Decimal | 8372351 |
| CIELab | 72.06, -33.79, 26.38 |
| CIELCh | 72, 42.866, 142.018 |
| Yxy | 43.7436, 0.3080, 0.4287 |
| Android (android.graphics.Color) | 4286562431 (0xFF7FC07F) |
| YUV | 165.1550, -18.8104, -33.4619 |
| Hunter-Lab | 66.1389, -30.9103, 22.2139 |

Details

The XYZ color **31.4328, 43.7436, 26.8654** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **38.8434, 30.1918, 53.6510**, and the grayscale version is **35.9331, 37.8044, 41.1690**.

A 20% lighter version of the original color is **61.4053, 80.9917, 55.5766**, and **13.2521, 20.1686, 10.2157** is the 20% darker color. If you saturate the color by 10%, you get **27.7068, 41.9551, 20.7700**, and if you desaturate by 10%, it is **35.9444, 45.9121, 34.2441**.

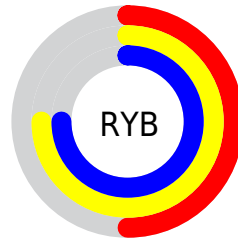
Distribution



Red (50%)

Green (75%)

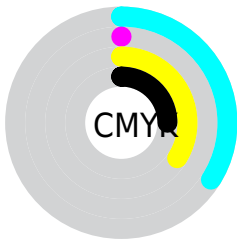
Blue (50%)



Red (50%)

Yellow (75%)

Blue (75%)

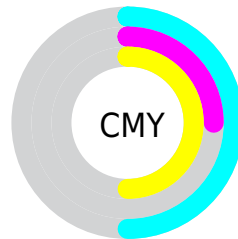


Cyan (34%)

Magenta (0%)

Yellow (34%)

Black (25%)



Cyan (50%)

Magenta (25%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4328, 43.7436, 26.8654 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 31.4328, 43.7436, 26.8654 by changing the saturation by 10% instead.

■ 31.4328, 43.7436,
26.8654

■ 31.4328, 43.7436,
26.8654

300.3187,
361.6610, 300.7443

■ 21.0821, 30.4690,
17.2406

■ 61.2921, 80.8318,
55.6689

■ 13.2968, 20.1948,
10.2424

■ 81.5313, 105.4141,
75.6847

■ 7.7117, 12.5368,
5.4523

■ 105.7974,
134.5345, 100.0013

■ 3.9612, 7.1103,
2.4517

134.4558,
168.5774, 129.0371

■ 1.6802, 3.5312,
0.8144

167.8717,
207.9270, 163.2108

■ 0.4439, 1.4149,
0.0000

206.4106,

■ 0.0000, 0.2277,

252.9679, 202.9409

0.0000

250.4378,
304.0844, 248.6459

■ 0.0000, 0.0000,
0.0000

■ 31.4328, 43.7436,
26.8654

■ 31.4328, 43.7436,
26.8654

■ 27.7068, 41.9551,
20.7700

■ 35.9444, 45.9121,
34.2441

■ 24.7185, 40.5197,
15.8821

■ 41.2794, 48.4747,
42.9704

■ 22.4199, 39.4156,
12.1222

■ 47.4772, 51.4519,
53.1079

■ 20.7558, 38.6162,
9.4003

■ 54.5736, 54.8606,
64.7152

■ 19.6629, 38.0912,
7.6125

■ 62.6024, 58.7172,
77.8477

■ 19.0645, 37.8038,
6.6336

■ 71.5956, 63.0372,
92.5576

■ 18.8505, 37.7010,
6.2836

■ 78.1405, 66.1810,
103.2635

Harmonies

Analogous

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



36.5164, 43.7436, 19.1638



31.4328, 43.7436, 26.8654



29.1287, 43.7436, 42.2437

Triad

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



31.4328, 43.7436, 26.8654



39.6513, 43.7436, 99.7943



56.0515, 43.7436, 34.0493

Complementary

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



31.4328, 43.7436, 26.8654



38.8434, 30.1918, 53.6510

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.



57.1457, 43.7436, 53.4543



31.4328, 43.7436, 26.8654



47.0848, 43.7436, 95.6747

Square

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



31.4328, 43.7436, 26.8654



33.4963, 43.7436, 87.0298



53.6979, 43.7436, 77.0216



50.8628, 43.7436, 22.3822

Rectangle

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



31.4328, 43.7436, 26.8654



29.2648, 43.7436, 56.5329



53.6979, 43.7436, 77.0216



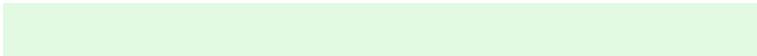
56.9331, 43.7436, 39.7134

Sweetspot

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



31.4339, 43.7454, 26.8664



78.7562, 89.7335, 84.3396



44.4205, 50.4403, 27.4737



16.5643, 19.0916, 17.5514



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



31.4339, 43.7454, 26.8664



51.5677, 76.6735, 39.8679



33.9047, 44.7338, 39.8774



9.9445, 11.2588, 10.7110



12.6838, 25.3676, 4.2280



0.5480, 1.0961, 0.1827

Inverse Universe

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



38.8434, 30.1918, 53.6510



67.1303, 48.2061, 96.1252



35.6304, 28.9066, 36.7315



10.4973, 10.2475, 12.7095



21.0294, 10.1015, 34.3966



0.9086, 0.4365, 1.4862

Previews

White Background



This preview shows how the XYZ color 31.4328, 43.7436, 26.8654 looks on a white background.

Color Contrast Check

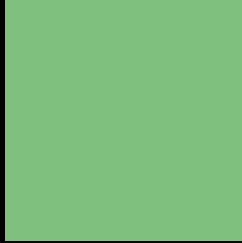
Large Text (above 18pt) WCAG AA × Fail

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 31.4328, 43.7436, 26.8654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

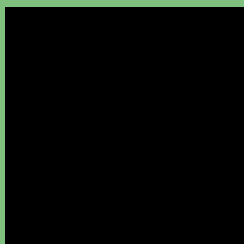
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.4328, 43.7436, 26.8654

Background



This preview shows how black text looks on a background with the XYZ color 31.4328, 43.7436, 26.8654.



This preview shows how white text looks on a background with the XYZ color 31.4328, 43.7436,

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

31.4328, 43.7436, 26.8654

Protanopia

40.1507, 43.3539, 24.0213

Deuteranopia

44.0850, 43.3073, 27.8654



Tritanopia

37.9417, 43.5196, 59.8265

Trichromacy



Original Color

31.4328, 43.7436, 26.8654

Protanomaly

36.2394, 43.1014, 25.1483

Deuteranomaly

38.1115, 42.5210, 27.3178

Tritanomaly

34.9970, 43.2473, 45.5327

Monochromacy



Original Color

31.4328, 43.7436, 26.8654

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

33.6784, 39.4736, 35.1223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4328, 43.7436, 26.8654 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(127, 192, 127)` looks like.

```
.text, #text, p{  
    color:rgb(127, 192, 127)  
}
```

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(127, 192, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 192, 127) }
```

Border

The CSS property to change the border of an element to XYZ 31.4328, 43.7436, 26.8654 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(127, 192, 127) }
```


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

```
.border{ border-color:rgb(127, 192, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 192, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 192, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 192, 127);  
box-shadow:4px 4px 4px 4px rgb(127, 192,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4328, 43.7436, 26.8654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 192, 127) }
```

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

```
.background{ background-color: rgb(127,  
192, 127) }
```

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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