

Converting Colors

XYZ(24.7601, 37.0412, 31.0440)

Have a look what the booklet for
XYZ(24.7601, 37.0412, 31.0440)
contains.

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Color

**XYZ(24.7601, 37.0412,
31.0440)**

Conversions

Conversions Part 1

Format	Color
Hex	4FB68D
RGB	79, 182, 141
RGB Percent	31%, 71%, 55%
CMY	0.6902, 0.2863, 0.4471
CMYK	0.57, 0.00, 0.23, 0.29
HSL	156°, 41%, 51%
HSV	156°, 57%, 71%
XYZ	24.7601, 37.0412, 31.0440
YIQ	146.5290, -48.2270, -34.5870

Conversions

Conversions Part 2

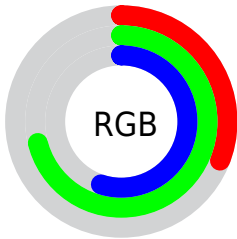
Format	Color
RYB	79, 143, 182
Decimal	5224077
CIELab	67.31, -39.75, 12.00
CIElCh	67, 41.526, 163.203
Yxy	37.0412, 0.2667, 0.3990
Android (android.graphics.Color)	4283414157 (0xFF4FB68D)
YUV	146.5290, -2.7258, -59.2229
Hunter-Lab	60.8615, -33.8890, 12.3606

Details

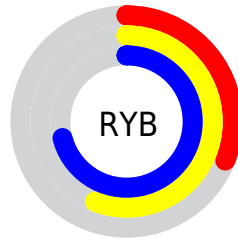
The XYZ color **24.7601, 37.0412, 31.0440** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **25.4787, 16.8940, 19.6886**, and the grayscale version is **27.5648, 29.0003, 31.5813**.

A 20% lighter version of the original color is **50.8702, 70.9074, 62.6351**, and **9.6075, 16.1937, 12.5169** is the 20% darker color. If you saturate the color by 10%, you get **22.9270, 36.1575, 28.2361**, and if you desaturate by 10%, it is **27.0449, 38.1557, 34.0588**.

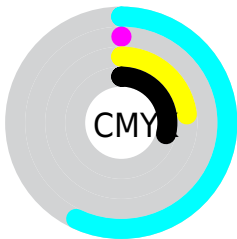
Distribution



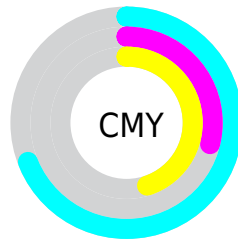
- Red (31%)
- Green (71%)
- Blue (55%)



- Red (31%)
- Yellow (56%)
- Blue (71%)



- Cyan (57%)
- Magenta (0%)
- Yellow (23%)
- Black (29%)





- Cyan (69%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.7601, 37.0412, 31.0440 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 24.7601, 37.0412, 31.0440 by changing the saturation by 10% instead.


 24.7601, 37.0412,
31.0440


 24.7601, 37.0412,
31.0440


269.0108,
333.4889, 321.0984


 16.0262, 25.2394,
20.3736


 50.7135, 70.6361,
62.3897

 9.6337, 16.2555,
12.4801


 68.6636, 93.1981,
83.9021


 5.2171, 9.7051,
6.9451


 90.4166, 120.1155,
109.8657

 2.4113, 5.2039,
3.3498

 116.3377,
151.7728, 140.6988

 0.8507, 2.3674,
1.2759

 146.7924,
188.5544, 176.8201

 0.0000, 0.8090,
0.0419

182.1458,

 0.0000, 0.0000,

230.8447, 218.6481

0.0000

222.7636,
279.0280, 266.6014

■ 24.7601, 37.0412,
31.0440

■ 24.7601, 37.0412,
31.0440

■ 22.9270, 36.1575,
28.2361

■ 27.0449, 38.1557,
34.0588

■ 21.5072, 35.4818,
25.6273

■ 29.8098, 39.5125,
37.2828

■ 20.4607, 34.9946,
23.2131

■ 33.0843, 41.1279,
40.7215

■ 19.7320, 34.6675,
20.9870

■ 36.8948, 43.0153,
44.3794

■ 19.5188, 34.5732,
20.2691

■ 41.2655, 45.1871,
48.2606

■ 46.2194, 47.6551,
52.3694

■ 51.7778, 50.4302,
56.7098

■ 57.9614, 53.5231,
61.2857

■ 64.7894, 56.9436,
66.1008

Harmonies

Analogous

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



27.4892, 37.0412, 19.8291



24.7601, 37.0412, 31.0440



24.6037, 37.0412, 48.8608

Triad

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



24.7601, 37.0412, 31.0440



38.0708, 37.0412, 84.8730



44.8815, 37.0412, 20.8110

Complementary

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



24.7601, 37.0412, 31.0440



25.4787, 16.8940, 19.6886

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.



48.4871, 37.0412, 32.8576



24.7601, 37.0412, 31.0440



44.2479, 37.0412, 71.5812

Square

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



24.7601, 37.0412, 31.0440



31.7936, 37.0412, 83.9442



48.2421, 37.0412, 51.3082



38.8554, 37.0412, 15.2567

Rectangle

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



24.7601, 37.0412, 31.0440



25.9435, 37.0412, 62.6805



48.2421, 37.0412, 51.3082



46.4475, 37.0412, 24.0483

Sweetspot

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



24.7611, 37.0427, 31.0449



66.3750, 77.7291, 79.9825



25.9139, 38.0293, 13.3723



14.3410, 17.0097, 17.3673



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



24.7611, 37.0427, 31.0449



40.8378, 65.2026, 49.9460



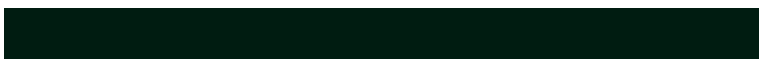
26.3646, 34.4321, 49.5141



9.1112, 10.1484, 10.7428



13.8169, 24.4277, 14.4896



0.5167, 0.8730, 0.6668

Inverse Universe

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



25.4787, 16.8940, 19.6886



42.2915, 25.0797, 27.4544



24.3012, 17.7053, 9.5343



9.1487, 9.0699, 10.1306



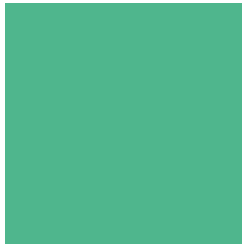
14.4907, 7.3700, 5.2047



0.5416, 0.2721, 0.3456

Previews

White Background



This preview shows how the XYZ color 24.7601, 37.0412, 31.0440 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 24.7601, 37.0412, 31.0440 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 24.7601, 37.0412, 31.0440

Background



This preview shows how black text looks on a background with the XYZ color 24.7601, 37.0412, 31.0440.

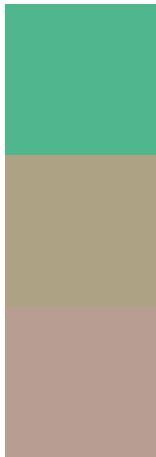


This preview shows how white text looks on a background with the XYZ color 24.7601, 37.0412,

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

24.7601, 37.0412, 31.0440

Protanopia

34.2506, 36.3636, 26.6864

Deuteranopia

37.0124, 36.3796, 32.2653



Tritanopia

29.2403, 36.7573, 54.2689

Trichromacy



Original Color

24.7601, 37.0412, 31.0440



Protanomaly

29.2086, 35.6142, 28.2564



Deuteranomaly

30.5243, 35.3970, 31.6091



Tritanomaly

27.4866, 36.9432, 44.7118

Monochromacy



Original Color

24.7601, 37.0412, 31.0440



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

25.7077, 31.3235, 31.4792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7601, 37.0412, 31.0440 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(79, 182, 141)` looks like.

```
.text, #text, p{  
    color:rgb(79, 182, 141)  
}
```

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(79, 182, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 182, 141) }
```

Border

The CSS property to change the border of an element to XYZ 24.7601, 37.0412, 31.0440 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(79, 182, 141) }
```


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

```
.border{ border-color:rgb(79, 182, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 182, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 182, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 182, 141);  
box-shadow:4px 4px 4px 4px rgb(79, 182,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7601, 37.0412, 31.0440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 182, 141) }
```

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

```
.background{ background-color: rgb(79, 182,  
141) }
```

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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