

Converting Colors

XYZ(24.4042, 30.9629, 24.2291)

Have a look what the booklet for
XYZ(24.4042, 30.9629, 24.2291)
contains.

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Color

**XYZ(24.4726, 31.1080,
24.1166)**

Conversions

Conversions Part 1

Format	Color
Hex	7AA17D
RGB	122, 161, 125
RGB Percent	48%, 63%, 49%
CMY	0.5216, 0.3686, 0.5098
CMYK	0.24, 0.00, 0.22, 0.37
HSL	125°, 17%, 55%
HSV	125°, 24%, 63%
XYZ	24.4726, 31.1080, 24.1166
YIQ	145.2350, -11.6880, -19.4640

Conversions

Conversions Part 2

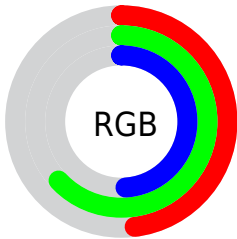
Format	Color
RYB	122, 158, 161
Decimal	8036733
CIELab	62.60, -20.70, 14.51
CIElCh	63, 25.275, 144.973
Yxy	31.1080, 0.3071, 0.3903
Android (android.graphics.Color)	4286226813 (0xFF7AA17D)
YUV	145.2350, -9.9759, -20.3771
Hunter-Lab	55.7745, -19.2837, 13.4055

Details

The XYZ color **24.4726, 31.1080, 24.1166** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.8301, 23.9655, 35.5082**, and the grayscale version is **27.0526, 28.4615, 30.9945**.

A 20% lighter version of the original color is **50.2709, 61.4400, 51.3290**, and **9.4456, 12.8368, 8.8174** is the 20% darker color. If you saturate the color by 10%, you get **21.4996, 29.6779, 19.3870**, and if you desaturate by 10%, it is **27.9670, 32.7923, 29.6136**.

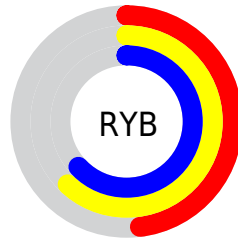
Distribution



Red (48%)

Green (63%)

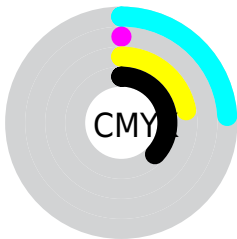
Blue (49%)



Red (48%)

Yellow (62%)

Blue (63%)

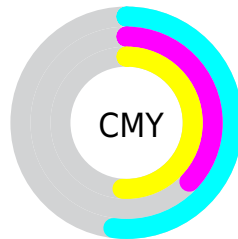


Cyan (24%)

Magenta (0%)

Yellow (22%)

Black (37%)



Cyan (52%)

Magenta (37%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4726, 31.1080, 24.1166 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 24.4726, 31.1080, 24.1166 by changing the saturation by 10% instead.

■ 24.4726, 31.1080,
24.1166

■ 24.4726, 31.1080,
24.1166

267.5975,
307.0356, 286.7150

■ 15.8112, 20.6811,
15.2071

■ 50.2494, 61.4101,
51.1666

■ 9.4806, 12.8911,
8.8167

■ 68.0955, 82.0540,
70.1443

■ 5.1156, 7.3536,
4.5266

■ 89.7339, 106.8725,
93.3150

■ 2.3507, 3.6842,
1.9185

115.5299,
136.2498, 121.0975

■ 0.8204, 1.4985,
0.5044

145.8490,
170.5703, 153.9102

■ 0.0000, 0.2877,
0.0000

181.0563,

■ 0.0000, 0.0000,

210.2186, 192.1716

0.0000

221.5174,
255.5788, 236.3004

■ 24.4726, 31.1080,
24.1166

■ 24.4726, 31.1080,
24.1166

■ 21.4996, 29.6779,
19.3870

■ 27.9670, 32.7923,
29.6136

■ 19.0207, 28.4859,
15.3886

■ 32.0037, 34.7381,
35.9077

■ 17.0099, 27.5203,
12.0856

■ 36.6051, 36.9574,
43.0298

■ 15.4375, 26.7667,
9.4384

■ 41.7920, 39.4601,
51.0083

■ 14.2707, 26.2090,
7.4032

■ 47.5838, 42.2557,
59.8703

■ 13.4721, 25.8291,
5.9310

■ 53.9993, 45.3534,
69.6418

■ 12.9969, 25.6050,
4.9652

■ 61.0563, 48.7618,
80.3477

■ 12.8142, 25.5185,
4.6105

■ 68.7719, 52.4891,
92.0120

■ 72.0355, 53.9710,
101.2285

Harmonies

Analogous

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



26.8604, 31.1080, 19.4323



24.4726, 31.1080, 24.1166



23.4530, 31.1080, 32.2377

Triad

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



24.4726, 31.1080, 24.1166



28.9912, 31.1080, 56.4751



35.9808, 31.1080, 26.4834

Complementary

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



24.4726, 31.1080, 24.1166



27.8301, 23.9655, 35.5082

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.



36.6613, 31.1080, 35.5592



24.4726, 31.1080, 24.1166



32.4500, 31.1080, 54.1196

Square

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



24.4726, 31.1080, 24.1166



25.9294, 31.1080, 51.8817



35.3239, 31.1080, 45.9549



33.5303, 31.1080, 20.6015

Rectangle

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



24.4726, 31.1080, 24.1166



23.6241, 31.1080, 39.0076



35.3239, 31.1080, 45.9549



36.4318, 31.1080, 29.2069

Sweetspot

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



24.4734, 31.1093, 24.1173



55.1092, 61.1475, 60.8777



30.4384, 34.2062, 23.4109



11.9990, 13.3685, 13.2156



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.4734, 31.1093, 24.1173



40.8815, 54.2931, 38.5163



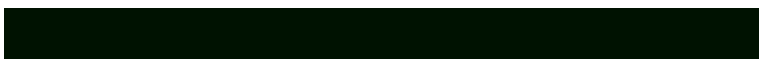
25.8135, 31.6454, 31.1743



7.0066, 7.9035, 7.6468



10.2404, 20.3825, 3.7166



0.2214, 0.4308, 0.1109

Inverse Universe

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



27.8301, 23.9655, 35.5082



47.9366, 39.2752, 62.4553



26.3114, 23.3580, 27.5104



7.3407, 7.1927, 8.7806



16.0537, 7.7775, 23.2712



0.3438, 0.1660, 0.5230

Previews

White Background



This preview shows how the XYZ color 24.4726, 31.1080, 24.1166 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 24.4726, 31.1080, 24.1166 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 24.4726, 31.1080, 24.1166

Background



This preview shows how black text looks on a background with the XYZ color 24.4726, 31.1080, 24.1166.



This preview shows how white text looks on a background with the XYZ color 24.4726, 31.1080,

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

24.4726, 31.1080, 24.1166

Protanopia

28.9540, 30.9629, 22.2197

Deuteranopia

31.4772, 30.8080, 24.7096



Tritanopia

27.9951, 31.0157, 41.5569

Trichromacy



Original Color

24.4726, 31.1080, 24.1166

Protanomaly

27.0883, 30.9588, 22.9603

Deuteranomaly

28.4149, 30.6341, 24.4940

Tritanomaly

26.4769, 30.8930, 34.2732

Monochromacy



Original Color

24.4726, 31.1080, 24.1166

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.9706, 29.2866, 28.3288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4726, 31.1080, 24.1166 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(122, 161, 125)` looks like.

```
.text, #text, p{  
    color:rgb(122, 161, 125)  
}
```

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(122, 161, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 161, 125) }
```

Border

The CSS property to change the border of an element to XYZ 24.4726, 31.1080, 24.1166 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(122, 161, 125) }
```


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

```
.border{ border-color:rgb(122, 161, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 161, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 161, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 161, 125);  
box-shadow:4px 4px 4px 4px rgb(122, 161,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4726, 31.1080, 24.1166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 161, 125) }
```

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

```
.background{ background-color: rgb(122,  
161, 125) }
```

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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