

Converting Colors

XYZ(24.0117, 30.5186, 20.9963)

Have a look what the booklet for
XYZ(24.0117, 30.5186, 20.9963)
contains.

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Color

**XYZ(24.0080, 30.4172,
21.1288)**

Conversions

Conversions Part 1

Format	Color
Hex	7D9F74
RGB	125, 159, 116
RGB Percent	49%, 62%, 45%
CMY	0.5098, 0.3765, 0.5451
CMYK	0.21, 0.00, 0.27, 0.38
HSL	107°, 18%, 54%
HSV	107°, 27%, 62%
XYZ	24.0080, 30.4172, 21.1288
YIQ	143.9320, -6.4610, -20.5810

Conversions

Conversions Part 2

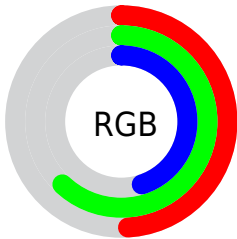
Format	Color
RYB	116, 159, 150
Decimal	8232820
CIELab	62.01, -20.20, 18.72
CIELCh	62, 27.534, 137.180
Yxy	30.4172, 0.3178, 0.4026
Android (android.graphics.Color)	4286422900 (0xFF7D9F74)
YUV	143.9320, -13.7705, -16.6034
Hunter-Lab	55.1518, -18.8132, 15.8921

Details

The XYZ color **24.0080, 30.4172, 21.1288** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.0824, 21.4789, 35.6263**, and the grayscale version is **26.5381, 27.9201, 30.4050**.

A 20% lighter version of the original color is **49.4745, 60.3853, 46.0937**, and **9.1725, 12.4165, 7.2234** is the 20% darker color. If you saturate the color by 10%, you get **21.4406, 29.1924, 16.5870**, and if you desaturate by 10%, it is **26.9677, 31.8277, 26.5167**.

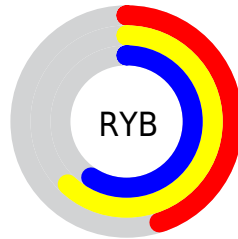
Distribution



Red (49%)

Green (62%)

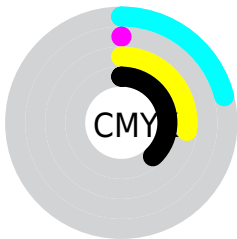
Blue (45%)



Red (45%)

Yellow (62%)

Blue (59%)

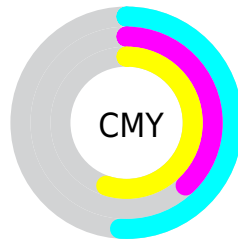


Cyan (21%)

Magenta (0%)

Yellow (27%)

Black (38%)



Cyan (51%)

Magenta (38%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0080, 30.4172, 21.1288 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 24.0080, 30.4172, 21.1288 by changing the saturation by 10% instead.

■ 24.0080, 30.4172,
21.1288

■ 24.0080, 30.4172,
21.1288

265.3006,
303.8443, 270.7657

■ 15.4643, 20.1555,
13.0260

■ 49.4978, 60.3213,
46.1854

■ 9.2343, 12.5081,
7.3155

■ 67.1747, 80.7325,
63.9762

■ 4.9527, 7.0907,
3.5788

■ 88.6267, 105.2957,
85.8335

■ 2.2540, 3.5189,
1.3972

114.2191,
134.3951, 112.1758

■ 0.7710, 1.4083,
0.1396

144.3174,
168.4153, 143.4217

■ 0.0000, 0.2228,
0.0000

179.2868,

■ 0.0000, 0.0000,

207.7407, 179.9896

0.0000

219.4928,
252.7555, 222.2981

■ 24.0080, 30.4172,
21.1288

■ 24.0080, 30.4172,
21.1288

■ 21.4406, 29.1924,
16.5870

■ 26.9677, 31.8277,
26.5167

■ 19.2464, 28.1418,
12.8464

■ 30.3330, 33.4273,
32.7884

■ 17.4082, 27.2584,
9.8610

■ 34.1196, 35.2240,
39.9820

■ 15.9066, 26.5332,
7.5793

■ 38.3414, 37.2244,
48.1325

■ 14.7201, 25.9565,
5.9437

■ 43.0119, 39.4346,
57.2734

■ 13.8244, 25.5172,
4.8869

■ 48.1438, 41.8606,
67.4362

■ 13.1871, 25.2009,
4.3042

■ 53.7495, 44.5080,
78.6513

■ 13.0348, 25.1254,
4.1627

■ 59.8408, 47.3824,
90.9477

■ 65.7611, 50.2216,
100.8355

Harmonies

Analogous

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



26.8632, 30.4172, 17.2398



24.0080, 30.4172, 21.1288



22.5239, 30.4172, 28.8079

Triad

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



24.0080, 30.4172, 21.1288



27.3632, 30.4172, 57.1738



36.2404, 30.4172, 27.4673

Complementary

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



24.0080, 30.4172, 21.1288



25.0824, 21.4789, 35.6263

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.



36.4032, 30.4172, 37.8404



24.0080, 30.4172, 21.1288



31.0595, 30.4172, 56.5994

Square

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



24.0080, 30.4172, 21.1288



24.3471, 30.4172, 50.3903



34.4390, 30.4172, 48.9567



34.0115, 30.4172, 20.3283

Rectangle

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



24.0080, 30.4172, 21.1288



22.4213, 30.4172, 35.7269



34.4390, 30.4172, 48.9567



36.5449, 30.4172, 30.6415

Sweetspot

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



24.0088, 30.4185, 21.1295



53.6170, 59.5279, 57.3942



28.3076, 30.3450, 20.8887



11.8842, 13.3238, 12.5574



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.



24.0088, 30.4185, 21.1295



40.3521, 53.2129, 33.1312



23.5099, 30.0740, 25.0519



6.6741, 7.4646, 7.0747



10.3245, 19.8592, 3.2891



0.2152, 0.3708, 0.0602

Inverse Universe

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



25.0824, 21.4789, 35.6263



42.5725, 34.6725, 63.1921



25.7967, 21.9634, 30.4093



6.7682, 6.6845, 8.3402



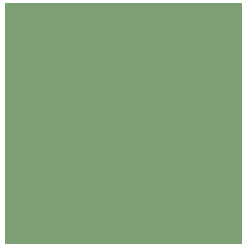
11.7420, 5.4822, 26.3465



0.2414, 0.1142, 0.4726

Previews

White Background



This preview shows how the XYZ color 24.0080, 30.4172, 21.1288 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 24.0080, 30.4172, 21.1288 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 24.0080, 30.4172, 21.1288

Background



This preview shows how black text looks on a background with the XYZ color 24.0080, 30.4172, 21.1288.



This preview shows how white text looks on a background with the XYZ color 24.0080, 30.4172,

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

24.0080, 30.4172, 21.1288

Protanopia

28.1693, 30.1383, 19.6618

Deuteranopia

30.7586, 30.2771, 21.6757



Tritanopia

27.8556, 30.4856, 40.0135

Trichromacy



Original Color

24.0080, 30.4172, 21.1288

Protanomaly

26.4045, 30.1778, 20.0560

Deuteranomaly

27.7278, 29.8708, 21.4438

Tritanomaly

26.1937, 30.2951, 32.0707

Monochromacy



Original Color

24.0080, 30.4172, 21.1288

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.3670, 28.5345, 26.7250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0080, 30.4172, 21.1288 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(125, 159, 116)` looks like.

```
.text, #text, p{  
    color:rgb(125, 159, 116)  
}
```

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(125, 159, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 159, 116) }
```

Border

The CSS property to change the border of an element to XYZ 24.0080, 30.4172, 21.1288 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(125, 159, 116) }
```


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

```
.border{ border-color:rgb(125, 159, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 159, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 159, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 159, 116);  
box-shadow:4px 4px 4px 4px rgb(125, 159,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0080, 30.4172, 21.1288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 159, 116) }
```

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

```
.background{ background-color: rgb(125,  
159, 116) }
```

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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