

Converting Colors

XYZ(30.1246, 40.1204, 30.9672)

Have a look what the booklet for
XYZ(30.1246, 40.1204, 30.9672)
contains.

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Color

**XYZ(30.1246, 40.1204,
30.9672)**

Conversions

Conversions Part 1

Format	Color
Hex	7DB78C
RGB	125, 183, 140
RGB Percent	49%, 72%, 55%
CMY	0.5098, 0.2823, 0.4510
CMYK	0.32, 0.00, 0.23, 0.28
HSL	136°, 29%, 60%
HSV	136°, 32%, 72%
XYZ	30.1246, 40.1204, 30.9672
YIQ	160.7560, -20.7650, -25.6690

Conversions

Conversions Part 2

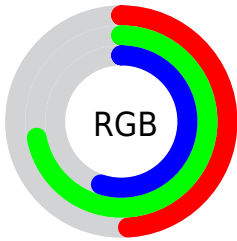
Format	Color
RYB	125, 171, 183
Decimal	8238988
CIELab	69.56, -27.87, 15.98
CIElCh	70, 32.127, 150.165
Yxy	40.1204, 0.2976, 0.3964
Android (android.graphics.Color)	4286429068 (0xFF7DB78C)
YUV	160.7560, -10.2327, -31.3580
Hunter-Lab	63.3407, -25.9522, 15.3516

Details

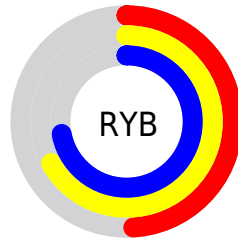
The XYZ color **30.1246, 40.1204, 30.9672** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **33.9314, 27.5627, 40.5794**, and the grayscale version is **33.8168, 35.5779, 38.7443**.

A 20% lighter version of the original color is **59.1945, 75.2118, 62.4364**, and **12.6521, 18.1593, 12.5111** is the 20% darker color. If you saturate the color by 10%, you get **26.7557, 38.4934, 25.9056**, and if you desaturate by 10%, it is **34.1112, 42.0539, 36.7035**.

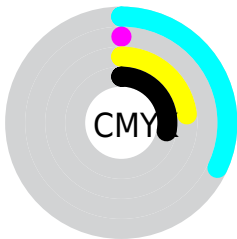
Distribution



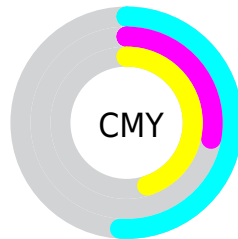
- Red (49%)
- Green (72%)
- Blue (55%)



- Red (49%)
- Yellow (67%)
- Blue (72%)



- Cyan (32%)
- Magenta (0%)
- Yellow (23%)
- Black (28%)





- Cyan (51%)
- Magenta (28%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1246, 40.1204, 30.9672 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 30.1246, 40.1204, 30.9672 by changing the saturation by 10% instead.


 30.1246, 40.1204,
30.9672


 30.1246, 40.1204,
30.9672


294.3842,
346.6308, 320.7337


 20.0817, 27.6324,
20.3156


 59.2444, 75.3468,
62.2674

 12.5631, 18.0488,
12.4383


 79.0521, 98.8541,
83.7531

 7.2033, 10.9850,
6.9168


 102.8455,
126.8032, 109.6872

 3.6370, 6.0568,
3.3325

130.9898,
159.5786, 140.4884

 1.4989, 2.8796,
1.2668

163.8505,
197.5646, 176.5751

 0.3251, 1.0692,
0.0343

201.7929,

 0.0000, 0.0000,

241.1458, 218.3658

0.0000

245.1823,
290.7063, 266.2792

■ 30.1246, 40.1204,
30.9672

■ 30.1246, 40.1204,
30.9672

■ 26.7557, 38.4934,
25.9056

■ 34.1112, 42.0539,
36.7035

■ 23.9699, 37.1521,
21.4910

■ 38.7416, 44.3034,
43.1351

■ 21.7337, 36.0809,
17.6982


■ 44.0442, 46.8842,
50.2855


■ 20.0090, 35.2608,
14.4988


■ 50.0448, 49.8092,
58.1760

■ 18.7526, 34.6701,
11.8625


■ 56.7676, 53.0904,
66.8269


 17.9135, 34.2833,
9.7561

 64.2360, 56.7395,
76.2580

 17.4539, 34.0764,
8.3815

 72.4721, 60.7674,
86.4883

 75.2019, 61.9396,
97.2414

 76.2242, 62.3485,
102.6247

Harmonies

Analogous

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



33.3412, 40.1204, 23.3617



30.1246, 40.1204, 30.9672



29.0099, 40.1204, 43.7667

Triad

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



30.1246, 40.1204, 30.9672



38.1620, 40.1204, 78.8953



47.4153, 40.1204, 30.8539

Complementary

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



30.1246, 40.1204, 30.9672



33.9314, 27.5627, 40.5794

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.



48.9931, 40.1204, 43.6020



30.1246, 40.1204, 30.9672



43.3638, 40.1204, 73.3007

Square

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



30.1246, 40.1204, 30.9672



33.3867, 40.1204, 73.4171



47.4486, 40.1204, 59.4787



43.3095, 40.1204, 23.3075

Rectangle

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



30.1246, 40.1204, 30.9672



29.5219, 40.1204, 54.2813



47.4486, 40.1204, 59.4787



48.2747, 40.1204, 34.5649

Sweetspot

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



30.1257, 40.1221, 30.9681



70.7557, 80.0110, 79.1250



36.8918, 43.7294, 25.8988



15.3497, 17.5367, 17.0968



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.



30.1257, 40.1221, 30.9681



49.6539, 69.7765, 49.0493



32.5068, 41.0745, 43.5069



8.9831, 10.0972, 10.0686



12.2000, 23.7809, 5.9750



0.4562, 0.8488, 0.3481

Inverse Universe

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



33.9314, 27.5627, 40.5794



57.5318, 43.7552, 68.9278



31.5601, 26.6142, 28.0926



9.2791, 9.1220, 10.8169



16.7365, 8.2684, 17.0312



0.6137, 0.3010, 0.7253

Previews

White Background



This preview shows how the XYZ color 30.1246, 40.1204, 30.9672 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 30.1246, 40.1204, 30.9672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

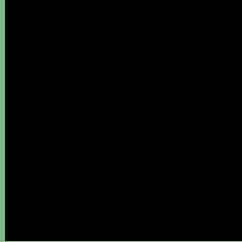
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.1246, 40.1204, 30.9672

Background



This preview shows how black text looks on a background with the XYZ color 30.1246, 40.1204, 30.9672.



This preview shows how white text looks on a background with the XYZ color 30.1246, 40.1204,

30.9672.

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

30.1246, 40.1204, 30.9672

Protanopia

37.2440, 39.7727, 27.9042

Deuteranopia

40.3794, 39.6773, 31.9158



Tritanopia

34.8113, 39.9193, 54.5856

Trichromacy



Original Color

30.1246, 40.1204, 30.9672

Protanomaly

34.0772, 39.5233, 29.1252

Deuteranomaly

35.6948, 39.1676, 31.6654

Tritanomaly

32.9266, 40.0441, 45.0236

Monochromacy



Original Color

30.1246, 40.1204, 30.9672

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.1505, 36.9717, 35.5787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1246, 40.1204, 30.9672 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, 183, 140)` looks like.

```
.text, #text, p{  
    color:rgb(125, 183, 140)  
}
```

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, 183, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 183, 140) }
```

Border

The CSS property to change the border of an element to XYZ 30.1246, 40.1204, 30.9672 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, 183, 140) }
```


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

```
.border{ border-color:rgb(125, 183, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 183, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 183, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 183, 140);  
box-shadow:4px 4px 4px 4px rgb(125, 183,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1246, 40.1204, 30.9672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 183, 140) }
```

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

```
.background{ background-color: rgb(125,  
183, 140) }
```

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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