

Converting Colors

XYZ(24.7211, 24.8090, 14.5194)

Have a look what the booklet for
XYZ(24.7211, 24.8090, 14.5194)
contains.

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Color

**XYZ(24.6607, 24.7180,
14.5376)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8460
RGB	159, 132, 96
RGB Percent	62%, 52%, 38%
CMY	0.3765, 0.4823, 0.6235
CMYK	0.00, 0.17, 0.40, 0.38
HSL	34°, 25%, 50%
HSV	34°, 40%, 62%
XYZ	24.6607, 24.7180, 14.5376
YIQ	135.9690, 27.6480, -5.4720

Conversions

Conversions Part 2

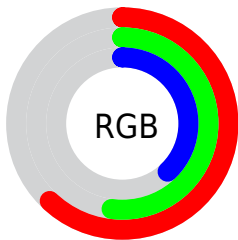
Format	Color
RYB	143, 159, 96
Decimal	10454112
CIELab	56.80, 5.11, 23.30
CIElCh	57, 23.850, 77.623
Yxy	24.7180, 0.3858, 0.3867
Android (android.graphics.Color)	4288644192 (0xFF9F8460)
YUV	135.9690, -19.7047, 20.1982
Hunter-Lab	49.7172, 1.5344, 17.4653

Details

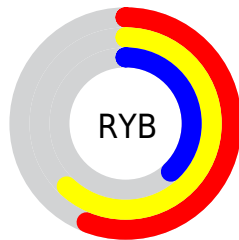
The XYZ color **24.6607, 24.7180, 14.5376** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.1646, 19.1553, 35.5409**, and the grayscale version is **23.4549, 24.6764, 26.8725**.

A 20% lighter version of the original color is **50.6398, 51.2516, 34.8273**, and **9.5915, 9.4724, 4.2286** is the 20% darker color. If you saturate the color by 10%, you get **23.1076, 22.6672, 10.7663**, and if you desaturate by 10%, it is **26.4235, 26.9511, 19.1098**.

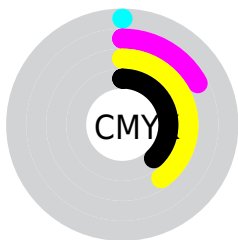
Distribution



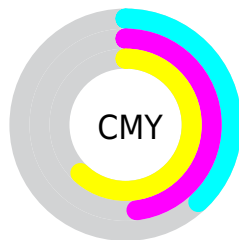
- Red (62%)
- Green (52%)
- Blue (38%)



- Red (56%)
- Yellow (62%)
- Blue (38%)



- Cyan (0%)
- Magenta (17%)
- Yellow (40%)
- Black (38%)




- Cyan (38%)
- Magenta (48%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.6607, 24.7180, 14.5376 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 24.6607, 24.7180, 14.5376 by changing the saturation by 10% instead.


 24.6607, 24.7180,
14.5376


 24.6607, 24.7180,
14.5376


268.5229,
276.4306, 232.0937


 15.9518, 15.8671,
8.3525


 50.5531, 51.1994,
34.7707


 9.5807, 9.4301,
4.2303


 68.4674, 69.5986,
49.6557

 5.1820, 5.0228,
1.7525


 90.1808, 91.9494,
68.2779

 2.3903, 2.2606,
0.3964

 116.0587,
118.6362, 91.0557

 0.8403, 0.7528,
0.0000

146.4666,
150.0433, 118.4076

 0.0000, 0.0000,
0.0000

181.7696,

186.5551, 150.7522

222.3333,
228.5561, 188.5080

■ 24.6607, 24.7180,
14.5376

■ 24.6607, 24.7180,
14.5376

■ 23.1076, 22.6672,
10.7663

■ 26.4235, 26.9511,
19.1098

■ 21.7522, 20.7893,
7.7468

■ 28.4034, 29.3684,
24.5252

■ 20.5840, 19.0792,
5.4268

■ 30.6098, 31.9764,
30.8248

■ 19.5905, 17.5298,
3.7463

■ 33.0510, 34.7801,
38.0464

■ 18.7572, 16.1335,
2.6355

■ 35.7345, 37.7842,
46.2257

■ 18.0531, 14.8756,
1.9370

■ 38.6678, 40.9931,
55.3965

■ 18.0278, 14.8303,
1.9124

■ 41.8578, 44.4114,
65.5909

■ 45.3114, 48.0432,
76.8396

■ 49.0349, 51.8926,
89.1718

Harmonies

Analogous

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



27.2924, 24.7180, 17.0967



24.6607, 24.7180, 14.5376



21.9089, 24.7180, 14.7800

Triad

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



24.6607, 24.7180, 14.5376



18.7491, 24.7180, 31.8309



27.6774, 24.7180, 38.6349

Complementary

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



24.6607, 24.7180, 14.5376



18.1646, 19.1553, 35.5409

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.



25.1532, 24.7180, 44.3432



24.6607, 24.7180, 14.5376



20.0650, 24.7180, 39.9124

Square

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



24.6607, 24.7180, 14.5376



18.6401, 24.7180, 23.7575



22.3641, 24.7180, 44.8522



29.1242, 24.7180, 30.3377

Rectangle

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



24.6607, 24.7180, 14.5376



20.3729, 24.7180, 16.4994



22.3641, 24.7180, 44.8522



26.9180, 24.7180, 40.9855

Sweetspot

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



24.6613, 24.7192, 14.5381



53.7496, 56.0161, 52.1075



22.0751, 17.1745, 20.9893



12.0085, 12.5002, 11.4333



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.



24.6613, 24.7192, 14.5381



41.5690, 40.8451, 19.7151



27.9888, 32.5897, 15.8819



6.9319, 7.2437, 7.0185



14.2809, 11.7974, 1.5244



0.2968, 0.2939, 0.0411

Inverse Universe

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



18.1646, 19.1553, 35.5409



28.2088, 29.4119, 62.9337



15.7188, 13.5900, 34.5956



6.5068, 6.8793, 8.3916



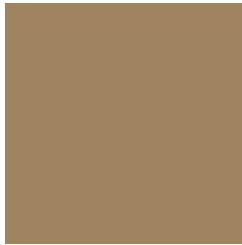
6.6218, 5.3351, 26.5880



0.1595, 0.1777, 0.4891

Previews

White Background



This preview shows how the XYZ color 24.6607, 24.7180, 14.5376 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6607, 24.7180, 14.5376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

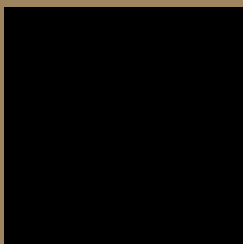
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6607, 24.7180, 14.5376

Background



This preview shows how black text looks on a background with the XYZ color 24.6607, 24.7180, 14.5376.



This preview shows how white text looks on a background with the XYZ color 24.6607, 24.7180,

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

24.6607, 24.7180, 14.5376

Protanopia

23.0414, 24.6932, 15.1071

Deuteranopia

25.1279, 24.7585, 14.5208



Tritanopia

27.2090, 24.7714, 27.0142

Trichromacy



Original Color

24.6607, 24.7180, 14.5376

Protanomaly

23.5841, 24.7703, 14.8474

Deuteranomaly

24.9256, 24.6542, 14.5113

Tritanomaly

26.2634, 24.7870, 21.8125

Monochromacy



Original Color

24.6607, 24.7180, 14.5376

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.6168, 24.6377, 21.6000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6607, 24.7180, 14.5376 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(159, 132, 96)` looks like.

```
.text, #text, p{  
    color:rgb(159, 132, 96)  
}
```

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(159, 132, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 132, 96) }
```

Border

The CSS property to change the border of an element to XYZ 24.6607, 24.7180, 14.5376 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(159, 132, 96) }
```


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

```
.border{ border-color:rgb(159, 132, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 132, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 132, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 132, 96);  
box-shadow:4px 4px 4px 4px rgb(159, 132,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6607, 24.7180, 14.5376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 132, 96) }
```

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

```
.background{ background-color: rgb(159,  
132, 96) }
```

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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