

Converting Colors

XYZ(24.8389, 30.3249, 16.2193)

Have a look what the booklet for
XYZ(24.8389, 30.3249, 16.2193)
contains.

XYZ(24.9090, 30.4848, 16.1266)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.9090, 30.4848,
16.1266)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9D62
RGB	139, 157, 98
RGB Percent	55%, 62%, 38%
CMY	0.4549, 0.3843, 0.6157
CMYK	0.11, 0.00, 0.38, 0.38
HSL	78°, 23%, 50%
HSV	78°, 38%, 62%
XYZ	24.9090, 30.4848, 16.1266
YIQ	144.8920, 8.2110, -22.1650

Conversions

Conversions Part 2

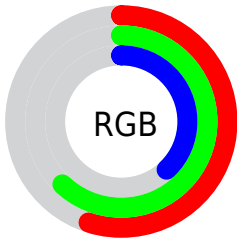
Format	Color
RYB	98, 157, 116
Decimal	9149794
CIELab	62.07, -16.54, 28.79
CIELCh	62, 33.200, 119.880
Yxy	30.4848, 0.3483, 0.4262
Android (android.graphics.Color)	4287339874 (0xFF8B9D62)
YUV	144.8920, -23.1178, -5.1673
Hunter-Lab	55.2130, -16.0937, 21.3317

Details

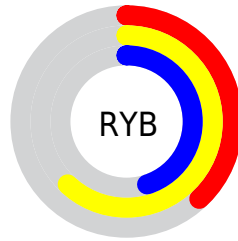
The XYZ color **24.9090, 30.4848, 16.1266** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.6573, 14.8836, 33.8423**, and the grayscale version is **26.9590, 28.3630, 30.8873**.

A 20% lighter version of the original color is **50.9606, 60.5943, 37.4437**, and **9.7543, 12.6131, 4.9381** is the 20% darker color. If you saturate the color by 10%, you get **23.4570, 29.8146, 12.5614**, and if you desaturate by 10%, it is **26.5431, 31.2339, 20.4606**.

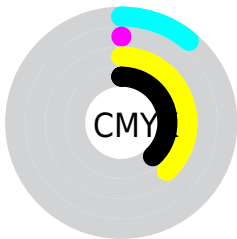
Distribution



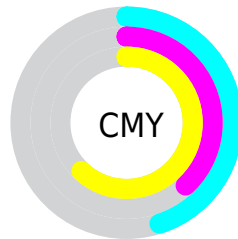
- Red (55%)
- Green (62%)
- Blue (38%)



- Red (38%)
- Yellow (62%)
- Blue (45%)



- Cyan (11%)
- Magenta (0%)
- Yellow (38%)
- Black (38%)



- Cyan (45%)
- Magenta (38%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9090, 30.4848, 16.1266 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 24.9090, 30.4848, 16.1266 by changing the saturation by 10% instead.

■ 24.9090, 30.4848,
16.1266

■ 24.9090, 30.4848,
16.1266

269.7405,
304.1577, 241.9588

■ 16.1376, 20.2069,
9.4585

■ 50.9535, 60.4280,
37.5877

■ 9.7131, 12.5455,
4.9405

■ 68.9574, 80.8621,
53.2177

■ 5.2699, 7.1163,
2.1543

■ 90.7695, 105.4503,
72.6721

■ 2.4429, 3.5350,
0.6478

■ 116.7551,
134.5771, 96.3695

■ 0.8665, 1.4170,
0.0000

147.2797,
168.6268, 124.7283

■ 0.0000, 0.2292,
0.0000

182.7085,

■ 0.0000, 0.0000,

207.9839, 158.1670

0.0000

223.4070,
253.0328, 197.1044

■ 24.9090, 30.4848,
16.1266

■ 24.9090, 30.4848,
16.1266

■ 23.4570, 29.8146,
12.5614

■ 26.5431, 31.2339,
20.4606

■ 22.1757, 29.2157,
9.7181

■ 28.3652, 32.0613,
25.6029

■ 21.0561, 28.6854,
7.5476


■ 30.3838, 32.9715,
31.5925


■ 20.0870, 28.2192,
5.9939


■ 32.6061, 33.9673,
38.4652


■ 19.2557, 27.8120,
4.9921


■ 35.0390, 35.0516,
46.2551


 18.5405, 27.4550,
4.4313

 37.6890, 36.2271,
54.9940

 18.3760, 27.3725,
4.3149

 40.5623, 37.4962,
64.7127

 43.6648, 38.8613,
75.4401

 47.0022, 40.3249,
87.2044

Harmonies

Analogous

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



28.9928, 30.4848, 14.1918



24.9090, 30.4848, 16.1266



22.1719, 30.4848, 22.3305

Triad

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



24.9090, 30.4848, 16.1266



24.8810, 30.4848, 59.2921



38.4247, 30.4848, 33.2441

Complementary

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



24.9090, 30.4848, 16.1266



17.6573, 14.8836, 33.8423

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.



37.0439, 30.4848, 47.1059



24.9090, 30.4848, 16.1266



28.9570, 30.4848, 64.3094

Square

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



24.9090, 30.4848, 16.1266



22.1570, 30.4848, 46.9938



33.4608, 30.4848, 59.3676



37.0650, 30.4848, 22.3988

Rectangle

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



24.9090, 30.4848, 16.1266



21.3258, 30.4848, 29.0617



33.4608, 30.4848, 59.3676



38.2639, 30.4848, 37.6979

Sweetspot

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



24.9098, 30.4862, 16.1273



53.0569, 58.4359, 52.5008



22.3213, 20.4727, 14.3309



11.5757, 12.8137, 11.2572



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.9098, 30.4862, 16.1273



42.4303, 53.5887, 23.4950



20.6682, 28.2995, 15.9287



6.9730, 7.6187, 7.0887



14.9626, 22.2503, 3.5061



0.3083, 0.4188, 0.0646

Inverse Universe

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



17.6573, 14.8836, 33.8423



27.5664, 21.5861, 59.8404



22.1670, 17.2084, 34.0534



6.4656, 6.5285, 8.3260



5.9633, 2.5032, 26.0761



0.1468, 0.0655, 0.4681

Previews

White Background



This preview shows how the XYZ color 24.9090, 30.4848, 16.1266 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 24.9090, 30.4848, 16.1266 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 24.9090, 30.4848, 16.1266

Background



This preview shows how black text looks on a background with the XYZ color 24.9090, 30.4848, 16.1266.



This preview shows how white text looks on a background with the XYZ color 24.9090, 30.4848,

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

24.9090, 30.4848, 16.1266

Protanopia

28.0762, 30.4254, 15.2194

Deuteranopia

30.7618, 30.1682, 16.5136



Tritanopia

29.2131, 30.2711, 38.0214

Trichromacy



Original Color

24.9090, 30.4848, 16.1266

Protanomaly

26.8290, 30.4970, 15.5388

Deuteranomaly

28.2000, 29.9924, 16.3594

Tritanomaly

27.3173, 30.2207, 28.4382

Monochromacy



Original Color

24.9090, 30.4848, 16.1266

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.9714, 28.8930, 24.6301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9090, 30.4848, 16.1266 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(139, 157, 98)` looks like.

```
.text, #text, p{  
    color:rgb(139, 157, 98)  
}
```

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(139, 157, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 157, 98) }
```

Border

The CSS property to change the border of an element to XYZ 24.9090, 30.4848, 16.1266 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(139, 157, 98) }
```


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

```
.border{ border-color:rgb(139, 157, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 157, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 157, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 157, 98);  
box-shadow:4px 4px 4px 4px rgb(139, 157,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9090, 30.4848, 16.1266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 157, 98) }
```

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

```
.background{ background-color: rgb(139,  
157, 98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor