

Converting Colors

XYZ(24.0943, 30.3307, 15.2558)

Have a look what the booklet for
XYZ(24.0943, 30.3307, 15.2558)
contains.

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Color

**XYZ(24.0788, 30.3302,
15.1749)**

Conversions

Conversions Part 1

Format	Color
Hex	869E5E
RGB	134, 158, 94
RGB Percent	53%, 62%, 37%
CMY	0.4745, 0.3804, 0.6314
CMYK	0.15, 0.00, 0.41, 0.38
HSL	83°, 25%, 49%
HSV	83°, 41%, 62%
XYZ	24.0788, 30.3302, 15.1749
YIQ	143.5280, 6.2400, -24.9920

Conversions

Conversions Part 2

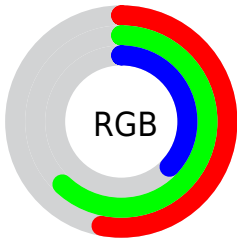
Format	Color
RYB	94, 158, 118
Decimal	8822366
CIELab	61.94, -19.57, 30.68
CIELCh	62, 36.390, 122.524
Yxy	30.3302, 0.3460, 0.4359
Android (android.graphics.Color)	4287012446 (0xFF869E5E)
YUV	143.5280, -24.4173, -8.3561
Hunter-Lab	55.0729, -18.3342, 22.2141

Details

The XYZ color **24.0788, 30.3302, 15.1749** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.6466, 14.3264, 34.1846**, and the grayscale version is **26.4134, 27.7890, 30.2622**.

A 20% lighter version of the original color is **49.6441, 60.3242, 35.8153**, and **9.3181, 12.5516, 4.5164** is the 20% darker color. If you saturate the color by 10%, you get **22.5232, 29.6029, 11.7725**, and if you desaturate by 10%, it is **25.8340, 31.1455, 19.3455**.

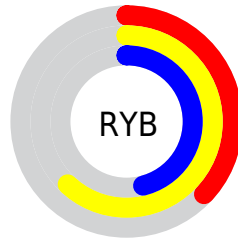
Distribution



Red (53%)

Green (62%)

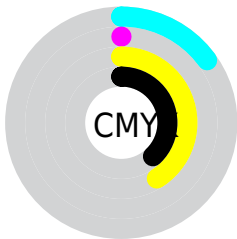
Blue (37%)



Red (37%)

Yellow (62%)

Blue (46%)

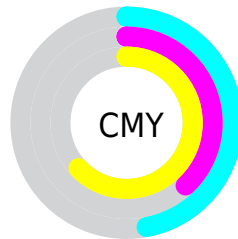


Cyan (15%)

Magenta (0%)

Yellow (41%)

Black (38%)



Cyan (47%)

Magenta (38%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0788, 30.3302, 15.1749 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 24.0788, 30.3302, 15.1749 by changing the saturation by 10% instead.

■ 24.0788, 30.3302,
15.1749

■ 24.0788, 30.3302,
15.1749

265.6517,
303.4406, 236.0995

■ 15.5171, 20.0894,
8.7942

■ 49.6125, 60.1840,
35.9063

■ 9.2718, 12.4600,
4.5122

■ 67.3152, 80.5657,
51.0942

■ 4.9774, 7.0578,
1.9104

■ 88.7957, 105.0965,
70.0549

■ 2.2686, 3.4983,
0.4993

■ 114.4193,
134.1608, 93.2070

■ 0.7785, 1.3971,
0.0000

144.5513,
168.1429, 120.9689

■ 0.0000, 0.2146,
0.0000

179.5572,

■ 0.0000, 0.0000,

207.4274, 153.7593

0.0000

219.8022,
252.3984, 191.9967

■ 24.0788, 30.3302,
15.1749

■ 24.0788, 30.3302,
15.1749

■ 22.5232, 29.6029,
11.7725

■ 25.8340, 31.1455,
19.3455

■ 21.1552, 28.9557,
9.0894

■ 27.7956, 32.0485,
24.3255

■ 19.9647, 28.3853,
7.0740


■ 29.9726, 33.0441,
30.1552


■ 18.9397, 27.8870,
5.6671


■ 32.3730, 34.1353,
36.8719


■ 18.0659, 27.4548,
4.7991


■ 35.0041, 35.3254,
44.5106

 17.3454, 27.0934,
4.3153

 37.8730, 36.6171,
53.1043

 40.9865, 38.0134,
62.6846

 44.3510, 39.5167,
73.2815

 47.9725, 41.1298,
84.9237

Harmonies

Analogous

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



28.4173, 30.3302, 12.8185



24.0788, 30.3302, 15.1749



21.2897, 30.3302, 22.1282

Triad

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



24.0788, 30.3302, 15.1749



24.7182, 30.3302, 63.0046



39.2363, 30.3302, 31.8569

Complementary

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



24.0788, 30.3302, 15.1749



17.6466, 14.3264, 34.1846

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.



37.9637, 30.3302, 47.0139



24.0788, 30.3302, 15.1749



29.2425, 30.3302, 67.7332

Square

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



24.0788, 30.3302, 15.1749



21.6286, 30.3302, 49.6516



34.1638, 30.3302, 61.2045



37.4702, 30.3302, 20.5978

Rectangle

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



24.0788, 30.3302, 15.1749



20.5014, 30.3302, 29.6552



34.1638, 30.3302, 61.2045



39.1497, 30.3302, 36.6396

Sweetspot

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



24.0796, 30.3315, 15.1756



53.7157, 59.6802, 52.8165



22.5378, 20.9098, 13.4382



11.9998, 13.4045, 11.6083



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.



24.0796, 30.3315, 15.1756



41.0462, 53.8249, 21.6824



19.7883, 28.1193, 14.9747



6.9289, 7.5960, 7.0866



13.9358, 21.7209, 3.4581



0.2948, 0.4119, 0.0640

Inverse Universe

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



17.6466, 14.3264, 34.1846



27.6732, 20.5219, 61.2460



22.6551, 16.9084, 34.4190



6.5081, 6.5504, 8.3280



6.4404, 2.7491, 26.0984



0.1602, 0.0724, 0.4688

Previews

White Background



This preview shows how the XYZ color 24.0788, 30.3302, 15.1749 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 24.0788, 30.3302, 15.1749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

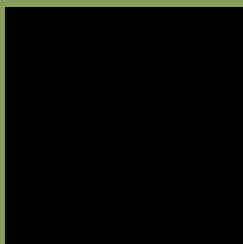
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.0788, 30.3302, 15.1749

Background



This preview shows how black text looks on a background with the XYZ color 24.0788, 30.3302, 15.1749.



This preview shows how white text looks on a background with the XYZ color 24.0788, 30.3302,

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

24.0788, 30.3302, 15.1749

Protanopia

27.7400, 30.0368, 14.2331

Deuteranopia

30.8025, 30.2113, 15.5172



Tritanopia

28.7556, 30.2610, 38.5078

Trichromacy



Original Color

24.0788, 30.3302, 15.1749

Protanomaly

26.1089, 29.9046, 14.5213

Deuteranomaly

27.8055, 29.8109, 15.3549

Tritanomaly

26.7218, 30.1641, 28.0808

Monochromacy



Original Color

24.0788, 30.3302, 15.1749

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.3286, 28.5767, 23.9196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0788, 30.3302, 15.1749 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(134, 158, 94)` looks like.

```
.text, #text, p{  
    color:rgb(134, 158, 94)  
}
```

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(134, 158, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 158, 94) }
```

Border

The CSS property to change the border of an element to XYZ 24.0788, 30.3302, 15.1749 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(134, 158, 94) }
```


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

```
.border{ border-color:rgb(134, 158, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 158, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 158, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 158, 94);  
box-shadow:4px 4px 4px 4px rgb(134, 158,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0788, 30.3302, 15.1749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 158, 94) }
```

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

```
.background{ background-color: rgb(134,  
158, 94) }
```

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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