

Converting Colors

XYZ(25.9134, 31.5306, 24.3645)

Have a look what the booklet for
XYZ(25.9134, 31.5306, 24.3645)
contains.

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Color

**XYZ(26.0096, 31.6345,
24.4739)**

Conversions

Conversions Part 1

Format	Color
Hex	85A07E
RGB	133, 160, 126
RGB Percent	52%, 63%, 49%
CMY	0.4784, 0.3725, 0.5059
CMYK	0.17, 0.00, 0.21, 0.37
HSL	108°, 15%, 56%
HSV	108°, 21%, 63%
XYZ	26.0096, 31.6345, 24.4739
YIQ	148.0510, -5.1780, -16.2980

Conversions

Conversions Part 2

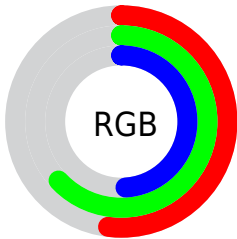
Format	Color
R_{YB}	126, 160, 153
Decimal	8757374
CIE Lab	63.04, -16.07, 14.67
CIE LCh	63, 21.763, 137.609
Yxy	31.6345, 0.3167, 0.3852
Android (android.graphics.Color)	4286947454 (0xFF85A07E)
YUV	148.0510, -10.8711, -13.1997
Hunter-Lab	56.2446, -15.8829, 13.5721

Details

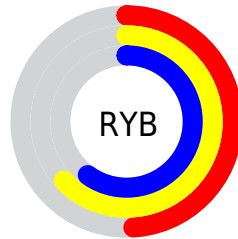
The XYZ color **26.0096, 31.6345, 24.4739** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.9441, 24.2330, 36.5166**, and the grayscale version is **28.2158, 29.6852, 32.3272**.

A 20% lighter version of the original color is **52.6868, 62.2947, 51.8950**, and **10.2694, 13.0999, 9.0085** is the 20% darker color. If you saturate the color by 10%, you get **23.1726, 30.2828, 19.3760**, and if you desaturate by 10%, it is **29.2562, 33.1801, 30.4543**.

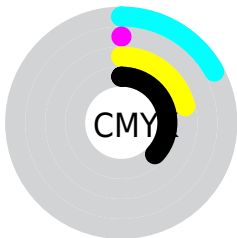
Distribution



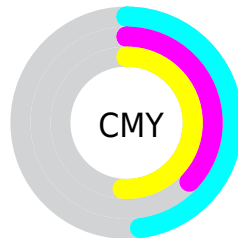
- Red (52%)
- Green (63%)
- Blue (49%)



- Red (49%)
- Yellow (63%)
- Blue (60%)



- Cyan (17%)
- Magenta (0%)
- Yellow (21%)
- Black (37%)



- Cyan (48%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0096, 31.6345, 24.4739 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 26.0096, 31.6345, 24.4739 by changing the saturation by 10% instead.

■ 26.0096, 31.6345,
24.4739

■ 26.0096, 31.6345,
24.4739

275.0850,
309.4509, 288.5710

■ 16.9635, 21.0825,
15.4701

■ 52.7216, 62.2377,
51.7559

■ 10.3036, 13.1843,
8.9997

■ 71.1183, 83.0576,
70.8712

■ 5.6645, 7.5556,
4.6442

■ 93.3626, 108.0689,
94.1941

■ 2.6809, 3.8119,
1.9850

119.8198,
137.6561, 122.1431

■ 0.9874, 1.5689,
0.5460

150.8552,
172.2035, 155.1367

■ 0.0000, 0.3365,
0.0000

186.8344,

■ 0.0000, 0.0000,

212.0955, 193.5936

0.0000

228.1225,
257.7165, 237.9322

■ 26.0096, 31.6345,
24.4739

■ 26.0096, 31.6345,
24.4739

■ 23.1726, 30.2828,
19.3760

■ 29.2562, 33.1801,
30.4543

■ 20.7262, 29.1134,
15.1169

■ 32.9253, 34.9227,
37.3541

■ 18.6536, 28.1194,
11.6523

■ 37.0325, 36.8704,
45.2106

■ 16.9358, 27.2923,
8.9328

■ 41.5918, 39.0297,
54.0582

■ 15.5522, 26.6225,
6.9037

■ 46.6164, 41.4067,
63.9299

■ 14.4795, 26.0994,
5.5028

■ 52.1193, 44.0073,
74.8570

■ 13.6918, 25.7112,
4.6566

■ 58.1125, 46.8373,
86.8696

■ 13.1966, 25.4651,
4.2197

■ 64.6081, 49.9021,
99.9964

■ 69.1063, 52.2025,
101.0415

Harmonies

Analogous

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



28.3580, 31.6345, 20.9883



26.0096, 31.6345, 24.4739



24.7836, 31.6345, 31.0235

Triad

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



26.0096, 31.6345, 24.4739



28.8481, 31.6345, 53.2071



35.9009, 31.6345, 29.6896

Complementary

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



26.0096, 31.6345, 24.4739



26.9441, 24.2330, 36.5166

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.



36.0539, 31.6345, 38.1084



26.0096, 31.6345, 24.4739



31.8447, 31.6345, 52.6892

Square

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



26.0096, 31.6345, 24.4739



26.3478, 31.6345, 48.1265



34.5272, 31.6345, 46.8110



34.1221, 31.6345, 23.6377

Rectangle

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



26.0096, 31.6345, 24.4739



24.7103, 31.6345, 36.6762



34.5272, 31.6345, 46.8110



36.1483, 31.6345, 32.3054

Sweetspot

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



26.0104, 31.6359, 24.4746



56.4415, 61.8216, 61.5138



29.5957, 31.6440, 24.2872



12.2914, 13.5170, 13.3272



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.



26.0104, 31.6359, 24.4746



44.4294, 56.1066, 39.3813



25.5939, 31.3458, 27.8583



6.6720, 7.4636, 7.0746



10.3104, 19.8520, 3.2884



0.2145, 0.3705, 0.0602

Inverse Universe

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



26.9441, 24.2330, 36.5166



46.4627, 39.9560, 65.6500



27.4938, 24.6100, 32.3116



6.7704, 6.6856, 8.3403



11.8049, 5.5146, 26.3495



0.2421, 0.1146, 0.4726

Previews

White Background



This preview shows how the XYZ color 26.0096, 31.6345, 24.4739 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 26.0096, 31.6345, 24.4739 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 26.0096, 31.6345, 24.4739

Background



This preview shows how black text looks on a background with the XYZ color 26.0096, 31.6345, 24.4739.



This preview shows how white text looks on a background with the XYZ color 26.0096, 31.6345,

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

26.0096, 31.6345, 24.4739

Protanopia

29.6414, 31.5430, 22.9385

Deuteranopia

31.9205, 31.2567, 25.1196



Tritanopia

29.3459, 31.4767, 41.0881

Trichromacy



Original Color

26.0096, 31.6345, 24.4739

Protanomaly

28.0590, 31.4521, 23.3309

Deuteranomaly

29.4601, 31.1653, 24.8849

Tritanomaly

27.8725, 31.3623, 34.2903

Monochromacy



Original Color

26.0096, 31.6345, 24.4739

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.2896, 30.1896, 29.1998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0096, 31.6345, 24.4739 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(133, 160, 126)` looks like.

```
.text, #text, p{  
    color:rgb(133, 160, 126)  
}
```

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(133, 160, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 160, 126) }
```

Border

The CSS property to change the border of an element to XYZ 26.0096, 31.6345, 24.4739 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(133, 160, 126) }
```


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

```
.border{ border-color:rgb(133, 160, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 160, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 160, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 160, 126);  
box-shadow:4px 4px 4px 4px rgb(133, 160,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0096, 31.6345, 24.4739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 160, 126) }
```

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

```
.background{ background-color: rgb(133,  
160, 126) }
```

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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