

Converting Colors

XYZ(26.5156, 32.9592, 23.9706)

Have a look what the booklet for
XYZ(26.5156, 32.9592, 23.9706)
contains.

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Color

**XYZ(26.5864, 32.9927,
24.0358)**

Conversions

Conversions Part 1

Format	Color
Hex	85A47C
RGB	133, 164, 124
RGB Percent	52%, 64%, 49%
CMY	0.4784, 0.3568, 0.5137
CMYK	0.19, 0.00, 0.24, 0.36
HSL	107°, 18%, 56%
HSV	107°, 24%, 64%
XYZ	26.5864, 32.9927, 24.0358
YIQ	150.1710, -5.6360, -19.0120

Conversions

Conversions Part 2

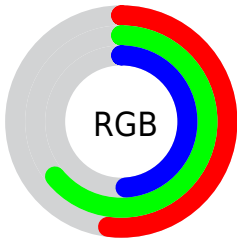
Format	Color
RYB	124, 164, 155
Decimal	8758396
CIELab	64.15, -18.50, 17.33
CIELCh	64, 25.345, 136.876
Yxy	32.9927, 0.3180, 0.3946
Android (android.graphics.Color)	4286948476 (0xFF85A47C)
YUV	150.1710, -12.9023, -15.0590
Hunter-Lab	57.4393, -17.8980, 15.3972

Details

The XYZ color **26.5864, 32.9927, 24.0358** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.4275, 24.0652, 38.3232**, and the grayscale version is **29.1175, 30.6339, 33.3603**.

A 20% lighter version of the original color is **53.7608, 64.4022, 51.1923**, and **10.6314, 13.9353, 8.7861** is the 20% darker color. If you saturate the color by 10%, you get **23.7477, 31.6403, 18.9319**, and if you desaturate by 10%, it is **29.8423, 34.5422, 30.0611**.

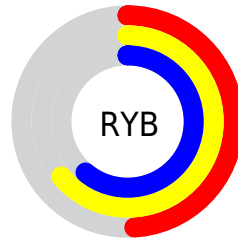
Distribution



Red (52%)

Green (64%)

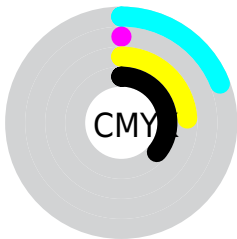
Blue (49%)



Red (49%)

Yellow (64%)

Blue (61%)

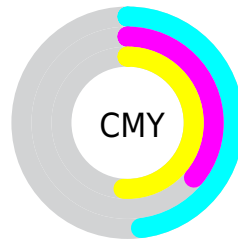


Cyan (19%)

Magenta (0%)

Yellow (24%)

Black (36%)



Cyan (48%)

Magenta (36%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5864, 32.9927, 24.0358 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 26.5864, 32.9927, 24.0358 by changing the saturation by 10% instead.

■ 26.5864, 32.9927,
24.0358

■ 26.5864, 32.9927,
24.0358

277.8531,
315.6168, 286.2938

■ 17.3978, 22.1209,
15.1477

■ 53.6440, 64.3641,
51.0332

■ 10.6156, 13.9457,
8.7754

■ 72.2438, 85.6325,
69.9796

■ 5.8744, 8.0829,
4.5001

■ 94.7114, 111.1352,
93.1158

■ 2.8088, 4.1481,
1.9035

121.4120,
141.2565, 120.8605

■ 1.0535, 1.7567,
0.4950

152.7112,
176.3810, 153.6320

■ 0.0000, 0.4600,
0.0000

188.9742,

■ 0.0000, 0.0000,

216.8929, 191.8491

0.0000

230.5664,
263.1768, 235.9302

■ 26.5864, 32.9927,
24.0358

■ 26.5864, 32.9927,
24.0358

■ 23.7477, 31.6403,
18.9319

■ 29.8423, 34.5422,
30.0611

■ 21.3063, 30.4728,
14.7019

■ 33.5288, 36.2918,
37.0478

■ 19.2449, 29.4833,
11.2974

■ 37.6622, 38.2501,
45.0361

■ 17.5434, 28.6627,
8.6644

■ 42.2569, 40.4237,
54.0634

■ 16.1800, 28.0010,
6.7424

■ 47.3268, 42.8190,
64.1652

■ 15.1304, 27.4871,
5.4621

■ 52.8850, 45.4420,
75.3752

■ 14.3663, 27.1084,
4.7394

■ 58.9444, 48.2986,
87.7257

■ 14.0353, 26.9436,
4.4609

■ 65.4841, 51.3813,
101.0739

■ 69.8247, 53.6190,
101.2771

Harmonies

Analogous

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



29.3975, 32.9927, 20.1351



26.5864, 32.9927, 24.0358



25.1063, 32.9927, 31.6201

Triad

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



26.5864, 32.9927, 24.0358



29.8176, 32.9927, 58.8144



38.4370, 32.9927, 30.4857

Complementary

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



26.5864, 32.9927, 24.0358



27.4275, 24.0652, 38.3232

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.



38.5711, 32.9927, 40.6006



26.5864, 32.9927, 24.0358



33.4050, 32.9927, 58.3503

Square

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



26.5864, 32.9927, 24.0358



26.8737, 32.9927, 52.3663



36.6701, 32.9927, 51.1986



36.3166, 32.9927, 23.3425

Rectangle

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



26.5864, 32.9927, 24.0358



24.9939, 32.9927, 38.3421



36.6701, 32.9927, 51.1986



38.7213, 32.9927, 33.6087

Sweetspot

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



26.5873, 32.9941, 24.0365



58.9441, 64.9650, 63.5911



30.6153, 32.6811, 23.7638



12.8044, 14.1638, 13.7464



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.5873, 32.9941, 24.0365



45.5091, 58.5772, 38.6489



25.9384, 32.5774, 27.7206



7.1277, 7.9683, 7.5425



10.7965, 20.6763, 3.4219



0.2641, 0.4537, 0.0736

Inverse Universe

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



27.4275, 24.0652, 38.3232



47.2845, 39.6589, 68.9151



28.2961, 24.6197, 33.5436



7.2078, 7.1215, 8.8978



11.9032, 5.5428, 27.3723



0.2865, 0.1352, 0.5769

Previews

White Background



This preview shows how the XYZ color 26.5864, 32.9927, 24.0358 looks on a white background.

Color Contrast Check

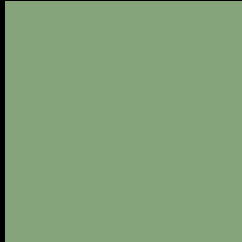
Large Text (above 18pt) WCAG AA × Fail

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 26.5864, 32.9927, 24.0358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

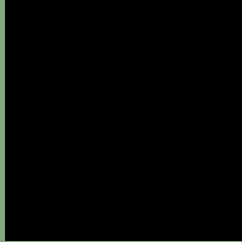
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.5864, 32.9927, 24.0358

Background



This preview shows how black text looks on a background with the XYZ color 26.5864, 32.9927, 24.0358.



This preview shows how white text looks on a background with the XYZ color 26.5864, 32.9927,

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

26.5864, 32.9927, 24.0358

Protanopia

30.8374, 32.9057, 22.4954

Deuteranopia

33.4006, 32.7305, 24.6359



Tritanopia

30.4671, 33.0187, 42.7977

Trichromacy



Original Color

26.5864, 32.9927, 24.0358

Protanomaly

29.0045, 32.7042, 22.8730

Deuteranomaly

30.4258, 32.4041, 24.3897

Tritanomaly

28.8018, 32.8448, 34.9587

Monochromacy



Original Color

26.5864, 32.9927, 24.0358

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.0307, 31.2951, 29.7625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5864, 32.9927, 24.0358 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, 164, 124)` looks like.

```
.text, #text, p{  
    color:rgb(133, 164, 124)  
}
```

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, 164, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 164, 124) }
```

Border

The CSS property to change the border of an element to XYZ 26.5864, 32.9927, 24.0358 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, 164, 124) }
```


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

```
.border{ border-color:rgb(133, 164, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 164, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 164, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 164, 124);  
box-shadow:4px 4px 4px 4px rgb(133, 164,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5864, 32.9927, 24.0358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 164, 124) }
```

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

```
.background{ background-color: rgb(133,  
164, 124) }
```

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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