

Converting Colors

XYZ(27.4318, 34.5267, 26.3359)

Have a look what the booklet for
XYZ(27.4318, 34.5267, 26.3359)
contains.

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Color

**XYZ(27.3920, 34.4423,
26.3234)**

Conversions

Conversions Part 1

Format	Color
Hex	83A882
RGB	131, 168, 130
RGB Percent	51%, 66%, 51%
CMY	0.4863, 0.3412, 0.4902
CMYK	0.22, 0.00, 0.23, 0.34
HSL	118°, 18%, 58%
HSV	118°, 23%, 66%
XYZ	27.3920, 34.4423, 26.3234
YIQ	152.6050, -9.8540, -19.6620

Conversions

Conversions Part 2

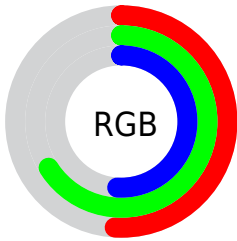
Format	Color
RYB	130, 168, 167
Decimal	8628354
CIELab	65.31, -20.22, 15.60
CIELCh	65, 25.536, 142.342
Yxy	34.4423, 0.3107, 0.3907
Android (android.graphics.Color)	4286818434 (0xFF83A882)
YUV	152.6050, -11.1443, -18.9476
Hunter-Lab	58.6876, -19.3896, 14.4877

Details

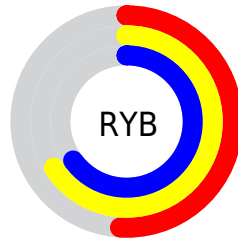
The XYZ color **27.3920, 34.4423, 26.3234** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.9883, 27.0089, 40.6276**, and the grayscale version is **30.1574, 31.7279, 34.5517**.

A 20% lighter version of the original color is **54.9425, 66.5085, 54.7414**, and **11.1239, 14.8342, 10.0616** is the 20% darker color. If you saturate the color by 10%, you get **24.0186, 32.8241, 20.7520**, and if you desaturate by 10%, it is **31.3514, 36.3433, 32.8849**.

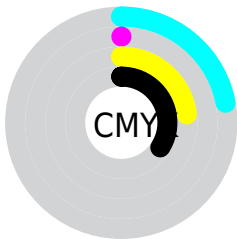
Distribution



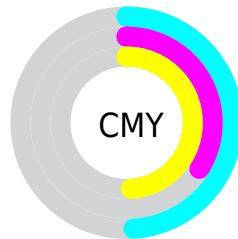
- Red (51%)
- Green (66%)
- Blue (51%)



- Red (51%)
- Yellow (66%)
- Blue (65%)



- Cyan (22%)
- Magenta (0%)
- Yellow (23%)
- Black (34%)





- Cyan (49%)
- Magenta (34%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3920, 34.4423, 26.3234 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 27.3920, 34.4423, 26.3234 by changing the saturation by 10% instead.


 27.3920, 34.4423,
26.3234


 27.3920, 34.4423,
26.3234


281.6832,
322.0998, 298.0219


 18.0060, 23.2336,
16.8378


 54.9277, 66.6209,
54.7867

 11.0540, 14.7661,
9.9582


 73.8081, 88.3596,
74.6015

 6.1707, 8.6554,
5.2660


 96.5840, 114.3770,
98.6964

 2.9908, 4.5171,
2.3427

123.6207,
145.0576, 127.4899

 1.1489, 1.9668,
0.7550

155.2836,
180.7858, 161.4007

 0.0654, 0.5881,
0.0000

191.9381,

 0.0000, 0.0000,

221.9460, 200.8473

0.0000

233.9495,
268.9225, 246.2482

■ 27.3920, 34.4423,
26.3234

■ 27.3920, 34.4423,
26.3234

■ 24.0186, 32.8241,
20.7520

■ 31.3514, 36.3433,
32.8849

■ 21.2009, 31.4711,
16.1204

■ 35.9200, 38.5352,
40.4787

■ 18.9098, 30.3704,
12.3777

■ 41.1228, 41.0308,
49.1477

■ 17.1126, 29.5066,
9.4668

■ 46.9829, 43.8414,
58.9313

■ 15.7732, 28.8621,
7.3243

■ 53.5220, 46.9771,
69.8671

■ 14.8500, 28.4172,
5.8778

■ 60.7610, 50.4481,
81.9910

■ 14.2943, 28.1487,
5.0406

■ 68.7197, 54.2638,
95.3373

■ 14.0586, 28.0352,
4.6704

■ 73.2933, 56.4866,
101.6478

Harmonies

Analogous

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



30.0909, 34.4423, 21.5614



27.3920, 34.4423, 26.3234



26.1444, 34.4423, 34.8368

Triad

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



27.3920, 34.4423, 26.3234



31.7921, 34.4423, 61.6991



39.8108, 34.4423, 30.2386

Complementary

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



27.3920, 34.4423, 26.3234



30.9883, 27.0089, 40.6276

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.



40.3525, 34.4423, 40.2994



27.3920, 34.4423, 26.3234



35.5325, 34.4423, 59.8290

Square

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



27.3920, 34.4423, 26.3234



28.5565, 34.4423, 56.1775



38.7343, 34.4423, 51.4668



37.3055, 34.4423, 23.5052

Rectangle

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



27.3920, 34.4423, 26.3234



26.2320, 34.4423, 42.0549



38.7343, 34.4423, 51.4668



40.2359, 34.4423, 33.2898

Sweetspot

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



27.3929, 34.4438, 26.3242



61.3015, 68.0642, 67.0014



33.9492, 37.4782, 26.5643



13.2602, 14.7867, 14.4358



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.3929, 34.4438, 26.3242



46.5914, 61.0053, 42.6181



28.5339, 34.8823, 33.1366



7.4543, 8.4168, 8.0210



10.6229, 21.1736, 3.5270



0.2640, 0.5180, 0.0861

Inverse Universe

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



30.9883, 27.0089, 40.6276



54.2485, 45.1685, 73.0843



29.6588, 26.5016, 32.5201



7.8221, 7.6564, 9.4839



16.8407, 8.0651, 28.6446



0.4156, 0.1992, 0.6972

Previews

White Background



This preview shows how the XYZ color 27.3920, 34.4423, 26.3234 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 27.3920, 34.4423, 26.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

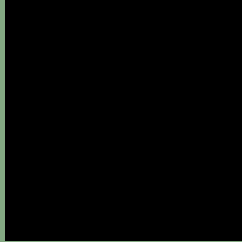
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.3920, 34.4423, 26.3234

Background



This preview shows how black text looks on a background with the XYZ color 27.3920, 34.4423, 26.3234.



This preview shows how white text looks on a background with the XYZ color 27.3920, 34.4423,

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

27.3920, 34.4423, 26.3234

Protanopia

32.0770, 34.2592, 24.3241

Deuteranopia

34.7533, 34.0950, 26.9396



Tritanopia

31.3057, 34.4248, 45.5521

Trichromacy



Original Color

27.3920, 34.4423, 26.3234

Protanomaly

30.2687, 34.3415, 25.1119

Deuteranomaly

31.4960, 33.9062, 26.7143

Tritanomaly

29.6868, 34.2884, 37.8545

Monochromacy



Original Color

27.3920, 34.4423, 26.3234

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.0147, 32.5178, 31.5354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3920, 34.4423, 26.3234 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(131, 168, 130)` looks like.

```
.text, #text, p{  
    color:rgb(131, 168, 130)  
}
```

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(131, 168, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 168, 130) }
```

Border

The CSS property to change the border of an element to XYZ 27.3920, 34.4423, 26.3234 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(131, 168, 130) }
```


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

```
.border{ border-color:rgb(131, 168, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 168, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 168, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 168, 130);  
box-shadow:4px 4px 4px 4px rgb(131, 168,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3920, 34.4423, 26.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 168, 130) }
```

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

```
.background{ background-color: rgb(131,  
168, 130) }
```

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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