

Converting Colors

XYZ(26.9813, 34.4174, 32.6337)

Have a look what the booklet for
XYZ(26.9813, 34.4174, 32.6337)
contains.

XYZ(26.9256, 34.3341, 32.8118)	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(26.9256, 34.3341,
32.8118)**

Conversions

Conversions Part 1

Format	Color
Hex	76A993
RGB	118, 169, 147
RGB Percent	46%, 66%, 58%
CMY	0.5373, 0.3372, 0.4235
CMYK	0.30, 0.00, 0.13, 0.34
HSL	154°, 23%, 56%
HSV	154°, 30%, 66%
XYZ	26.9256, 34.3341, 32.8118
YIQ	151.2430, -23.3340, -17.6540

Conversions

Conversions Part 2

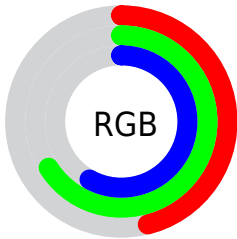
Format	Color
RYB	118, 151, 169
Decimal	7776659
CIELab	65.23, -21.73, 5.96
CIElCh	65, 22.536, 164.667
Yxy	34.3341, 0.2862, 0.3650
Android (android.graphics.Color)	4285966739 (0xFF76A993)
YUV	151.2430, -2.0918, -29.1541
Hunter-Lab	58.5953, -20.5178, 7.8159

Details

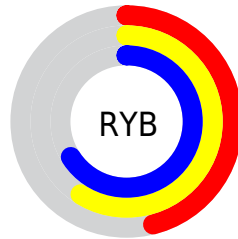
The XYZ color **26.9256, 34.3341, 32.8118** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.5754, 23.2861, 27.8535**, and the grayscale version is **29.5360, 31.0742, 33.8398**.

A 20% lighter version of the original color is **53.9929, 66.1863, 65.1878**, and **10.7873, 14.7604, 13.3468** is the 20% darker color. If you saturate the color by 10%, you get **24.2791, 33.0347, 29.7959**, and if you desaturate by 10%, it is **30.0215, 35.8628, 36.0395**.

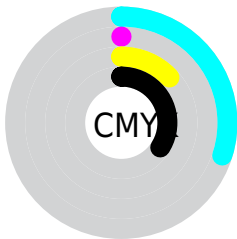
Distribution



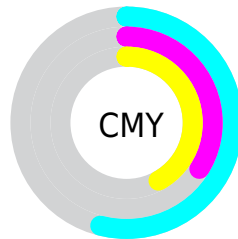
- Red (46%)
- Green (66%)
- Blue (58%)



- Red (46%)
- Yellow (59%)
- Blue (66%)



- Cyan (30%)
- Magenta (0%)
- Yellow (13%)
- Black (34%)





- Cyan (54%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9256, 34.3341, 32.8118 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 26.9256, 34.3341, 32.8118 by changing the saturation by 10% instead.


 26.9256, 34.3341,
32.8118


 26.9256, 34.3341,
32.8118

279.4708,
321.6192, 329.4068


 17.6537, 23.1504,
21.7124


 54.1852, 66.4529,
65.1942

 10.7998, 14.7046,
13.4494


 72.9035, 88.1567,
87.3143

 5.9987, 8.6123,
7.6044


 95.5014, 114.1361,
113.9450

 2.8849, 4.4892,
3.7587

122.3441,
144.7754, 145.5048

 1.0932, 1.9508,
1.4939

153.7971,
180.4589, 182.4124

 0.0194, 0.5787,
0.2134

190.2256,

 0.0000, 0.0000,

221.5711, 225.0862

0.0000

231.9951,
268.4964, 273.9449

■ 26.9256, 34.3341,
32.8118

■ 26.9256, 34.3341,
32.8118

■ 24.2791, 33.0347,
29.7959

■ 30.0215, 35.8628,
36.0395

■ 22.0564, 31.9488,
26.9850

■ 33.5850, 37.6274,
39.4810

■ 20.2339, 31.0652,
24.3751


■ 37.6365, 39.6392,
43.1414


■ 18.7842, 30.3697,
21.9612


■ 42.1946, 41.9077,
47.0246


■ 17.6763, 29.8467,
19.7381


■ 47.2767, 44.4419,
51.1348


 16.8738, 29.4772,
17.7001

 52.8995, 47.2503,
55.4757

 16.3044, 29.2236,
15.8710

 59.0788, 50.3410,
60.0511

 65.8299, 53.7218,
64.8645

 67.3904, 54.4220,
69.6493

Harmonies

Analogous

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



28.4010, 34.3341, 25.9614



26.9256, 34.3341, 32.8118



26.9089, 34.3341, 42.1423

Triad

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



26.9256, 34.3341, 32.8118



34.2552, 34.3341, 57.7026



37.3237, 34.3341, 26.0780

Complementary

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



26.9256, 34.3341, 32.8118



27.5754, 23.2861, 27.8535

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.



39.1174, 34.3341, 32.9981



26.9256, 34.3341, 32.8118



37.2670, 34.3341, 51.7447

Square

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



26.9256, 34.3341, 32.8118



30.9954, 34.3341, 57.6301



39.0960, 34.3341, 42.3624



34.3284, 34.3341, 22.5402

Rectangle

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



26.9256, 34.3341, 32.8118



27.7201, 34.3341, 48.6178



39.0960, 34.3341, 42.3624



38.0958, 34.3341, 28.0294

Sweetspot

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



26.9266, 34.3355, 32.8126



60.8437, 67.7314, 71.3538



28.2911, 35.2696, 22.4565



13.0524, 14.6589, 15.3575



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.



26.9266, 34.3355, 32.8126



45.0671, 59.9388, 55.2273



28.1973, 33.8448, 42.5844



7.6087, 8.4765, 8.9256



12.1783, 21.7901, 11.9715



0.3212, 0.5401, 0.4224

Inverse Universe

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



27.5754, 23.2861, 27.8535



46.4134, 37.0378, 44.9569



26.5193, 23.5159, 20.2812



7.6604, 7.5940, 8.5291



13.1145, 6.6545, 5.4144



0.3449, 0.1722, 0.2678

Previews

White Background



This preview shows how the XYZ color 26.9256, 34.3341, 32.8118 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 26.9256, 34.3341, 32.8118 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

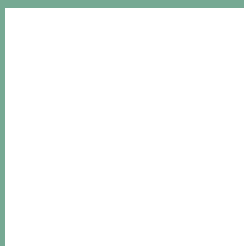
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9256, 34.3341, 32.8118

Background



This preview shows how black text looks on a background with the XYZ color 26.9256, 34.3341, 32.8118.



This preview shows how white text looks on a background with the XYZ color 26.9256, 34.3341,

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

26.9256, 34.3341, 32.8118

Protanopia

32.1745, 33.9295, 30.0526

Deuteranopia

34.6378, 33.8886, 33.5697



Tritanopia

29.8032, 34.4097, 47.1904

Trichromacy



Original Color

26.9256, 34.3341, 32.8118

Protanomaly

29.7354, 33.6760, 30.9195

Deuteranomaly

31.1692, 33.5922, 33.2749

Tritanomaly

28.6373, 34.2000, 41.6511

Monochromacy



Original Color

26.9256, 34.3341, 32.8118

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.3793, 32.1447, 33.5630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9256, 34.3341, 32.8118 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(118, 169, 147)` looks like.

```
.text, #text, p{  
    color:rgb(118, 169, 147)  
}
```

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(118, 169, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 169, 147) }
```

Border

The CSS property to change the border of an element to XYZ 26.9256, 34.3341, 32.8118 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(118, 169, 147) }
```


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

```
.border{ border-color:rgb(118, 169, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 169, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 169, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 169, 147);  
box-shadow:4px 4px 4px 4px rgb(118, 169,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9256, 34.3341, 32.8118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 169, 147) }
```

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

```
.background{ background-color: rgb(118,  
169, 147) }
```

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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