

Converting Colors

XYZ(32.1181, 38.0567, 26.4219)

Have a look what the booklet for
XYZ(32.1181, 38.0567, 26.4219)
contains.

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Color

**XYZ(32.0414, 37.9601,
26.4071)**

Conversions

Conversions Part 1

Format	Color
Hex	9AAC81
RGB	154, 172, 129
RGB Percent	60%, 67%, 51%
CMY	0.3961, 0.3255, 0.4941
CMYK	0.10, 0.00, 0.25, 0.33
HSL	85°, 21%, 59%
HSV	85°, 25%, 67%
XYZ	32.0414, 37.9601, 26.4071
YIQ	161.7160, 3.0750, -17.1890

Conversions

Conversions Part 2

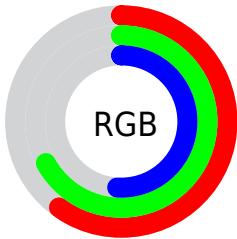
Format	Color
RYB	129, 172, 147
Decimal	10136705
CIELab	67.99, -14.05, 20.09
CIElCh	68, 24.512, 124.961
Yxy	37.9601, 0.3324, 0.3937
Android (android.graphics.Color)	4288326785 (0xFF9AAC81)
YUV	161.7160, -16.1290, -6.7669
Hunter-Lab	61.6118, -14.9911, 17.7163

Details

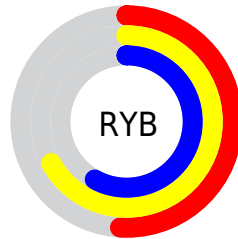
The XYZ color **32.0414, 37.9601, 26.4071** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.3308, 24.8831, 42.3943**, and the grayscale version is **34.2827, 36.0681, 39.2781**.

A 20% lighter version of the original color is **62.2071, 71.8709, 54.8498**, and **13.6072, 16.8222, 9.9270** is the 20% darker color. If you saturate the color by 10%, you get **29.6635, 36.8566, 20.8218**, and if you desaturate by 10%, it is **34.6960, 39.1863, 33.0116**.

Distribution



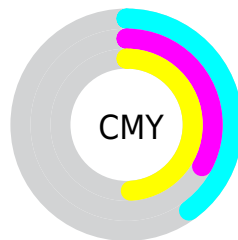
- Red (60%)
- Green (67%)
- Blue (51%)



- Red (51%)
- Yellow (67%)
- Blue (58%)



- Cyan (10%)
- Magenta (0%)
- Yellow (25%)
- Black (33%)



- Cyan (40%)
- Magenta (33%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0414, 37.9601, 26.4071 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 32.0414, 37.9601, 26.4071 by changing the saturation by 10% instead.

■ 32.0414, 37.9601,
26.4071

■ 32.0414, 37.9601,
26.4071

303.0497,
337.4488, 298.4436

■ 21.5488, 25.9517,
16.9000

■ 62.2407, 72.0470,
54.9231

■ 13.6405, 16.7875,
10.0020

■ 82.6782, 94.8943,
74.7690

■ 7.9511, 10.0831,
5.2946

■ 107.1614,
122.1233, 98.8983

■ 4.1152, 5.4541,
2.3594

136.0556,
154.1185, 127.7294

■ 1.7675, 2.5161,
0.7642

169.7261,
191.2643, 161.6810

■ 0.4980, 0.8847,
0.0000

208.5384,

■ 0.0000, 0.0000,

233.9450, 201.1715

0.0000

252.8579,
282.5450, 246.6196

■ 32.0414, 37.9601,
26.4071

■ 32.0414, 37.9601,
26.4071

■ 29.6635, 36.8566,
20.8218

■ 34.6960, 39.1863,
33.0116

■ 27.5484, 35.8662,
16.2024

■ 37.6347, 40.5346,
40.6800

■ 25.6849, 34.9857,
12.4947

■ 40.8682, 42.0106,
49.4575

■ 24.0602, 34.2097,
9.6377

■ 44.4059, 43.6182,
59.3858

■ 22.6598, 33.5322,
7.5635

■ 48.2564, 45.3612,
70.5046

■ 21.4671, 32.9465,
6.1934

■ 52.4283, 47.2429,
82.8515

■ 20.4621, 32.4442,
5.4308

■ 56.9295, 49.2668,
96.4625

■ 20.0080, 32.2155,
5.1637

■ 59.8425, 50.6659,
101.2332

■ 61.9601, 51.7575,
101.3323

Harmonies

Analogous

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



35.4499, 37.9601, 23.7503



32.0414, 37.9601, 26.4071



29.8392, 37.9601, 33.0703

Triad

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



32.0414, 37.9601, 26.4071



33.0663, 37.9601, 63.4131



43.8845, 37.9601, 39.5435

Complementary

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



32.0414, 37.9601, 26.4071



27.3308, 24.8831, 42.3943

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.



43.1353, 37.9601, 50.8666



32.0414, 37.9601, 26.4071



36.7174, 37.9601, 65.9659

Square

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



32.0414, 37.9601, 26.4071



30.4010, 37.9601, 54.5629



40.4443, 37.9601, 61.0293



42.4254, 37.9601, 30.4342

Rectangle

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



32.0414, 37.9601, 26.4071



29.2611, 37.9601, 39.5159



40.4443, 37.9601, 61.0293



43.8835, 37.9601, 43.2031

Sweetspot

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



32.0424, 37.9618, 26.4079



66.5392, 72.7386, 69.2112



31.3979, 31.1985, 25.1364



14.2883, 15.7288, 14.5897



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.0424, 37.9618, 26.4079



55.6769, 67.7283, 42.0725



28.3234, 36.0445, 26.2339



8.3337, 9.1606, 8.5423



14.9520, 24.0051, 3.8454



0.4765, 0.6990, 0.1098

Inverse Universe

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



27.3308, 24.8831, 42.3943



45.6509, 39.8918, 76.0996



31.5354, 27.0507, 42.5911



7.8848, 7.9149, 10.0649



7.5905, 3.2729, 29.2762



0.2744, 0.1237, 0.8174

Previews

White Background



This preview shows how the XYZ color 32.0414, 37.9601, 26.4071 looks on a white background.

Color Contrast Check

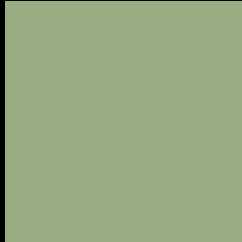
Large Text (above 18pt) WCAG AA × Fail

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 32.0414, 37.9601, 26.4071 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 32.0414, 37.9601, 26.4071

Background



This preview shows how black text looks on a background with the XYZ color 32.0414, 37.9601, 26.4071.



This preview shows how white text looks on a background with the XYZ color 32.0414, 37.9601,

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

32.0414, 37.9601, 26.4071

Protanopia

35.3525, 37.7637, 25.1645

Deuteranopia

38.5553, 37.7997, 27.0938



Tritanopia

36.2898, 37.7420, 48.0201

Trichromacy



Original Color

32.0414, 37.9601, 26.4071

Protanomaly

34.1956, 37.9726, 25.6058

Deuteranomaly

35.9626, 37.7733, 26.8683

Tritanomaly

34.5362, 37.8476, 39.2033

Monochromacy



Original Color

32.0414, 37.9601, 26.4071

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.4393, 36.8454, 34.2036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0414, 37.9601, 26.4071 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(154, 172, 129)` looks like.

```
.text, #text, p{  
    color:rgb(154, 172, 129)  
}
```

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(154, 172, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 172, 129) }
```

Border

The CSS property to change the border of an element to XYZ 32.0414, 37.9601, 26.4071 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(154, 172, 129) }
```


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

```
.border{ border-color:rgb(154, 172, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 172, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 172, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 172, 129);  
box-shadow:4px 4px 4px 4px rgb(154, 172,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0414, 37.9601, 26.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 172, 129) }
```

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

```
.background{ background-color: rgb(154,  
172, 129) }
```

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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