

Converting Colors

XYZ(32.1487, 36.6424, 29.2980)

Have a look what the booklet for
XYZ(32.1487, 36.6424, 29.2980)
contains.

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Color

**XYZ(32.1165, 36.5403,
29.4050)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA78A
RGB	156, 167, 138
RGB Percent	61%, 65%, 54%
CMY	0.3882, 0.3451, 0.4588
CMYK	0.07, 0.00, 0.17, 0.35
HSL	83°, 14%, 60%
HSV	83°, 17%, 65%
XYZ	32.1165, 36.5403, 29.4050
YIQ	160.4050, 2.7530, -11.3510

Conversions

Conversions Part 2

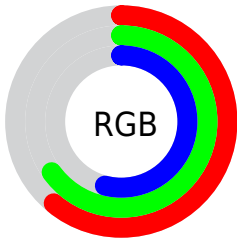
Format	Color
R _Y B	138, 167, 149
Decimal	10266506
CIE Lab	66.93, -9.20, 13.71
CIE LCh	67, 16.511, 123.875
Yxy	36.5403, 0.3275, 0.3726
Android (android.graphics.Color)	4288456586 (0xFF9CA78A)
YUV	160.4050, -11.0457, -3.8632
Hunter-Lab	60.4486, -10.9474, 13.4726

Details

The XYZ color **32.1165, 36.5403, 29.4050** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.4593, 27.3575, 40.3416**, and the grayscale version is **33.6499, 35.4024, 38.5532**.

A 20% lighter version of the original color is **62.3892, 69.8530, 59.4849**, and **13.7179, 15.9693, 11.5919** is the 20% darker color. If you saturate the color by 10%, you get **29.8053, 35.4790, 23.4633**, and if you desaturate by 10%, it is **34.6796, 37.7121, 36.3305**.

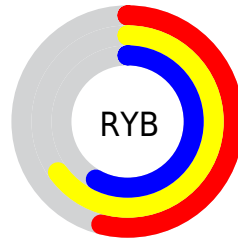
Distribution



Red (61%)

Green (65%)

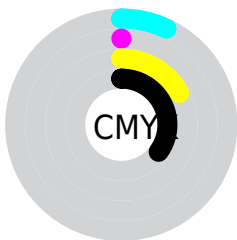
Blue (54%)



Red (54%)

Yellow (65%)

Blue (58%)

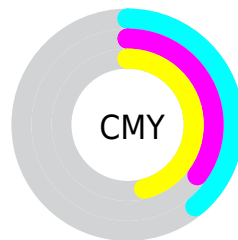


Cyan (7%)

Magenta (0%)

Yellow (17%)

Black (35%)



Cyan (39%)

Magenta (35%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1165, 36.5403, 29.4050 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 32.1165, 36.5403, 29.4050 by changing the saturation by 10% instead.

■ 32.1165, 36.5403,
29.4050

■ 32.1165, 36.5403,
29.4050

303.3855,
331.3160, 313.2416

■ 21.6065, 24.8518,
19.1392

■ 62.3576, 69.8652,
59.7698

■ 13.6830, 15.9667,
11.5931

■ 82.8195, 92.2703,
80.7058

■ 7.9808, 9.5006,
6.3481

■ 107.3293,
119.0165, 106.0357

■ 4.1343, 5.0691,
2.9857

136.2524,
150.4880, 136.1780

■ 1.7784, 2.2879,
1.0873

169.9543,
187.0694, 171.5512

■ 0.5046, 0.7673,
0.0000

208.8001,

■ 0.0000, 0.0000,

229.1449, 212.5738

0.0000

253.1554,
277.0989, 259.6644

■ 32.1165, 36.5403,
29.4050

■ 32.1165, 36.5403,
29.4050

■ 29.8053, 35.4790,
23.4633

■ 34.6796, 37.7121,
36.3305

■ 27.7336, 34.5197,
18.4585

■ 37.5005, 38.9933,
44.2793

■ 25.8923, 33.6596,
14.3431

■ 40.5886, 40.3890,
53.2915

■ 24.2704, 32.8944,
11.0650

■ 43.9519, 41.9025,
63.4044

■ 22.8559, 32.2191,
8.5661

■ 47.5979, 43.5369,
74.6535

■ 21.6355, 31.6281,
6.7813

■ 51.5340, 45.2952,
87.0726

■ 20.5935, 31.1153,
5.6347

■ 55.7672, 47.1804,
100.6943

■ 19.7063, 30.6709,
5.0077

■ 57.5141, 48.0792,
100.8566

■ 19.4874, 30.5608,
4.8717

■ 59.3165, 49.0083,
100.9410

Harmonies

Analogous

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



34.4062, 36.5403, 27.5584



32.1165, 36.5403, 29.4050



30.5863, 36.5403, 34.0206

Triad

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



32.1165, 36.5403, 29.4050



32.6542, 36.5403, 53.4881



39.7567, 36.5403, 38.8620

Complementary

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



32.1165, 36.5403, 29.4050



28.4593, 27.3575, 40.3416

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.



39.2330, 36.5403, 46.1690



32.1165, 36.5403, 29.4050



35.0567, 36.5403, 55.1825

Square

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



32.1165, 36.5403, 29.4050



30.8861, 36.5403, 47.9735



37.4825, 36.5403, 52.3615



38.8813, 36.5403, 32.5878

Rectangle

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



32.1165, 36.5403, 29.4050



30.1618, 36.5403, 38.3336



37.4825, 36.5403, 52.3615



39.7386, 36.5403, 41.2750

Sweetspot

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



32.1175, 36.5419, 29.4058



63.2142, 68.0410, 68.1383



31.2146, 31.4307, 28.4668



14.0719, 15.1925, 15.0414



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.



32.1175, 36.5419, 29.4058



55.8026, 64.6542, 48.1828



29.5397, 35.2130, 29.2852



7.8670, 8.6295, 8.0403



14.9670, 23.4130, 3.7303



0.4183, 0.5976, 0.0933

Inverse Universe

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



28.4593, 27.3575, 40.3416



47.9614, 44.9656, 71.6267



31.1964, 28.7685, 40.4697



7.3908, 7.4340, 9.4637



6.9744, 2.9789, 28.1829



0.2267, 0.1019, 0.6884

Previews

White Background



This preview shows how the XYZ color 32.1165, 36.5403, 29.4050 looks on a white background.

Color Contrast Check

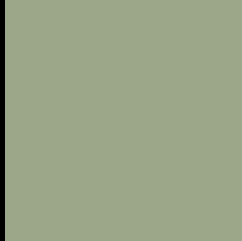
Large Text (above 18pt) WCAG AA × Fail

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 32.1165, 36.5403, 29.4050 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

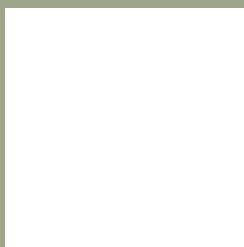
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1165, 36.5403, 29.4050

Background



This preview shows how black text looks on a background with the XYZ color 32.1165, 36.5403, 29.4050.



This preview shows how white text looks on a background with the XYZ color 32.1165, 36.5403,

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

32.1165, 36.5403, 29.4050

Protanopia

34.3775, 36.3889, 28.5044

Deuteranopia

37.0403, 36.4465, 29.8936



Tritanopia

35.3561, 36.5129, 45.7417

Trichromacy



Original Color

32.1165, 36.5403, 29.4050

Protanomaly

33.5167, 36.4641, 28.9387

Deuteranomaly

35.0843, 36.4678, 29.6159

Tritanomaly

34.0951, 36.5305, 39.4365

Monochromacy



Original Color

32.1165, 36.5403, 29.4050

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.0628, 35.8323, 34.8795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1165, 36.5403, 29.4050 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(156, 167, 138)` looks like.

```
.text, #text, p{  
    color:rgb(156, 167, 138)  
}
```

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(156, 167, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 167, 138) }
```

Border

The CSS property to change the border of an element to XYZ 32.1165, 36.5403, 29.4050 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(156, 167, 138) }
```


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

```
.border{ border-color:rgb(156, 167, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 167, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 167, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 167, 138); box-shadow:4px 4px 4px 4px rgb(156, 167, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1165, 36.5403, 29.4050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 167, 138) }
```

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

```
.background{ background-color: rgb(156,  
167, 138) }
```

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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