

Converting Colors

XYZ(32.9100, 34.5472, 40.8900)

Have a look what the booklet for
XYZ(32.9100, 34.5472, 40.8900)
contains.

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Color

**XYZ(32.9914, 34.6174,
41.0194)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9FA6
RGB	156, 159, 166
RGB Percent	61%, 62%, 65%
CMY	0.3882, 0.3765, 0.3490
CMYK	0.06, 0.04, 0.00, 0.35
HSL	222°, 5%, 63%
HSV	222°, 6%, 65%
XYZ	32.9914, 34.6174, 41.0194
YIQ	158.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

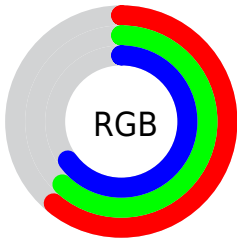
Format	Color
RYB	156, 158, 166
Decimal	10264486
CIELab	65.45, 0.31, -4.02
CIElCh	65, 4.028, 274.483
Yxy	34.6174, 0.3037, 0.3187
Android (android.graphics.Color)	4288454566 (0xFF9C9FA6)
YUV	158.9010, 3.4998, -2.5442
Hunter-Lab	58.8366, -2.8737, -0.1499

Details

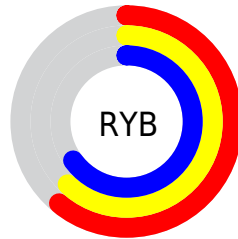
The XYZ color **32.9914, 34.6174, 41.0194** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8239, 36.7014, 36.7017**, and the grayscale version is **32.8961, 34.6093, 37.6895**.

A 20% lighter version of the original color is **63.6761, 67.0152, 77.9858**, and **14.2255, 14.9433, 18.0542** is the 20% darker color. If you saturate the color by 10%, you get **28.0918, 29.2651, 40.2451**, and if you desaturate by 10%, it is **38.5198, 40.5744, 41.8784**.

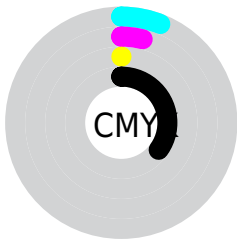
Distribution



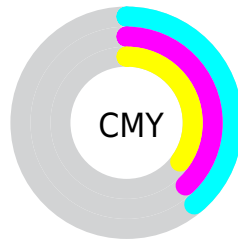
- Red (61%)
- Green (62%)
- Blue (65%)



- Red (61%)
- Yellow (62%)
- Blue (65%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (35%)



- Cyan (39%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9914, 34.6174, 41.0194 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 32.9914, 34.6174, 41.0194 by changing the saturation by 10% instead.

■ 32.9914, 34.6174,
41.0194

■ 32.9914, 34.6174,
41.0194

307.2767,
322.8763, 366.0807

■ 22.2791, 23.3683,
28.0144

■ 63.7169, 66.8926,
77.9673

■ 14.1798, 14.8657,
18.0974

■ 84.4607, 88.6876,
102.7474

■ 8.3284, 8.7252,
10.8498

109.2791,
114.7666, 132.2895

■ 4.3594, 4.5624,
5.8530

138.5374,
145.5140, 167.0123

■ 1.9074, 1.9929,
2.6886

172.6009,
181.3143, 207.3343

■ 0.5811, 0.6033,
0.9377

211.8351,

■ 0.0000, 0.0000,

222.5519, 253.6740

0.0000

256.6052,
269.6111, 306.4500

■ 32.9914, 34.6174,
41.0194

■ 32.9914, 34.6174,
41.0194

■ 28.0918, 29.2651,
40.2451

■ 38.5198, 40.5744,
41.8784

■ 23.7951, 24.4937,
39.5506

■ 44.6956, 47.1503,
42.8221

■ 20.0781, 20.2842,
38.9340

■ 51.5403, 54.3641,
43.8538

■ 16.9148, 16.6149,
38.3924

■ 59.0737, 62.2328,
44.9756

■ 14.2771, 13.4625,
37.9230

■ 67.3145, 70.7728,
46.1896

■ 12.1345, 10.8018,
37.5223

■ 76.0591, 79.8853,
47.4876

■ 10.4530, 8.6056,
37.1871

■ 79.3758, 86.5188,
48.5932

■ 9.1937, 6.8432,
36.9132

■ 82.9116, 93.5904,
49.7718

■ 8.3064, 5.4773,
36.6964

■ 83.8830, 95.5332,
50.0956

Harmonies

Analogous

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



32.4173, 34.6174, 40.6960



32.9914, 34.6174, 41.0194



33.5482, 34.6174, 40.4298

Triad

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



32.9914, 34.6174, 41.0194



33.8452, 34.6174, 35.8858



31.8913, 34.6174, 36.3124

Complementary

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



32.9914, 34.6174, 41.0194



34.8239, 36.7014, 36.7017

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.



32.2658, 34.6174, 35.0816



32.9914, 34.6174, 41.0194



33.3931, 34.6174, 34.8405

Square

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



32.9914, 34.6174, 41.0194



34.0448, 34.6174, 37.4395



32.8144, 34.6174, 34.5505



31.7866, 34.6174, 37.9465

Rectangle

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



32.9914, 34.6174, 41.0194



33.8333, 34.6174, 39.6083



32.8144, 34.6174, 34.5505



31.9896, 34.6174, 35.8394

Sweetspot

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



32.9924, 34.6189, 41.0202



63.7380, 67.0054, 75.0493



33.9430, 36.9793, 39.9214



14.2887, 15.0219, 16.7986



80.6108, 84.8088, 92.3568



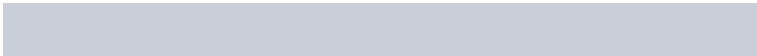
14.7206, 15.4872, 16.8656

Same Dimension

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



32.9924, 34.6189, 41.0202



58.8382, 61.7012, 74.2837



32.8398, 33.7829, 40.8669



7.5283, 7.8932, 9.5451



6.2533, 3.9669, 28.4116



0.1963, 0.1849, 0.7060

Inverse Universe

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



33.8732, 34.3878, 37.6548



60.7193, 61.2192, 67.0936



34.9818, 37.5836, 36.8637



7.7801, 7.8291, 8.5824



12.6570, 6.4715, 3.0053



0.3303, 0.1664, 0.1906

Previews

White Background



This preview shows how the XYZ color 32.9914, 34.6174, 41.0194 looks on a white background.

Color Contrast Check

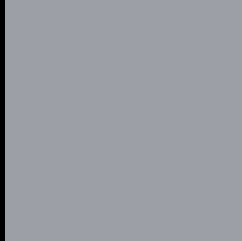
Large Text (above 18pt) WCAG AA × Fail

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 32.9914, 34.6174, 41.0194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

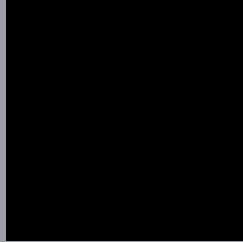
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.9914, 34.6174, 41.0194

Background



This preview shows how black text looks on a background with the XYZ color 32.9914, 34.6174, 41.0194.



This preview shows how white text looks on a background with the XYZ color 32.9914, 34.6174,

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

32.9914, 34.6174, 41.0194

Protanopia

33.5156, 34.6439, 40.5178

Deuteranopia

35.1082, 34.4473, 41.3578



Tritanopia

33.4822, 34.5621, 43.4345

Trichromacy



Original Color

32.9914, 34.6174, 41.0194

Protanomaly

33.3165, 34.5413, 40.5085

Deuteranomaly

34.3806, 34.5663, 41.4191

Tritanomaly

33.2929, 34.4864, 42.4379

Monochromacy



Original Color

32.9914, 34.6174, 41.0194

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.0203, 34.6740, 39.1348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9914, 34.6174, 41.0194 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, 159, 166)` looks like.

```
.text, #text, p{  
    color:rgb(156, 159, 166)  
}
```

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, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 159, 166) }
```

Border

The CSS property to change the border of an element to XYZ 32.9914, 34.6174, 41.0194 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, 159, 166) }
```


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

```
.border{ border-color:rgb(156, 159, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 159, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 159, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 159, 166);  
box-shadow:4px 4px 4px 4px rgb(156, 159,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9914, 34.6174, 41.0194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 159, 166) }
```

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

```
.background{ background-color: rgb(156,  
159, 166) }
```

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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