

Converting Colors

XYZ(32.0118, 33.8301, 32.4443)

Have a look what the booklet for
XYZ(32.0118, 33.8301, 32.4443)
contains.

XYZ(32.0214, 33.7976, 32.4396)	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(32.0214, 33.7976,
32.4396)**

Conversions

Conversions Part 1

Format	Color
Hex	A19D93
RGB	161, 157, 147
RGB Percent	63%, 62%, 58%
CMY	0.3686, 0.3843, 0.4235
CMYK	0.00, 0.02, 0.09, 0.37
HSL	43°, 7%, 60%
HSV	43°, 9%, 63%
XYZ	32.0214, 33.7976, 32.4396
YIQ	157.0560, 5.5940, -2.2620

Conversions

Conversions Part 2

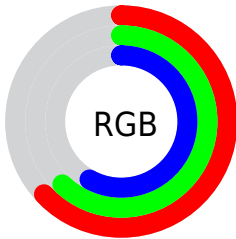
Format	Color
R_{YB}	153, 161, 147
Decimal	10591635
CIE Lab	64.80, -0.37, 5.74
CIE LCh	65, 5.747, 93.689
Yxy	33.7976, 0.3259, 0.3440
Android (android.graphics.Color)	4288781715 (0xFFA19D93)
YUV	157.0560, -4.9576, 3.4589
Hunter-Lab	58.1357, -3.4189, 7.6113

Details

The XYZ color **32.0214, 33.7976, 32.4396** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.5322, 30.9090, 38.1282**, and the grayscale version is **32.0936, 33.7650, 36.7701**.

A 20% lighter version of the original color is **62.4050, 65.9029, 64.6898**, and **13.5720, 14.4038, 13.1312** is the 20% darker color. If you saturate the color by 10%, you get **30.0826, 31.8021, 25.9905**, and if you desaturate by 10%, it is **34.1682, 35.9253, 39.8313**.

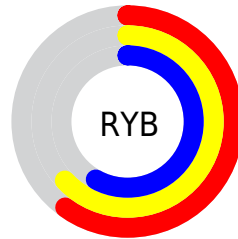
Distribution



Red (63%)

Green (62%)

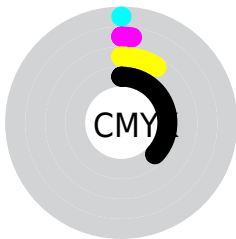
Blue (58%)



Red (60%)

Yellow (63%)

Blue (58%)

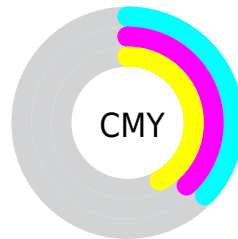


Cyan (0%)

Magenta (2%)

Yellow (9%)

Black (37%)



Cyan (37%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0214, 33.7976, 32.4396 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 32.0214, 33.7976, 32.4396 by changing the saturation by 10% instead.

■ 32.0214, 33.7976,
32.4396

■ 32.0214, 33.7976,
32.4396

302.9603,
319.2286, 327.6712

■ 21.5335, 22.7382,
21.4299

■ 62.2096, 65.6188,
64.6055

■ 13.6292, 14.4003,
13.2443

■ 82.6406, 87.1493,
86.5988

■ 7.9432, 8.3996,
7.4643

107.1166,
112.9390, 113.0903

■ 4.1101, 4.3517,
3.6713

136.0031,
143.3723, 144.4987

■ 1.7646, 1.8722,
1.4468

169.6653,
178.8335, 181.2424

■ 0.4962, 0.5316,
0.1778

208.4687,

■ 0.0000, 0.0000,

219.7070, 223.7401

0.0000

252.7786,
266.3772, 272.4101

■ 32.0214, 33.7976,
32.4396

■ 32.0214, 33.7976,
32.4396

■ 30.0826, 31.8021,
25.9905

■ 34.1682, 35.9253,
39.8313

■ 28.3414, 29.9309,
20.4431

■ 36.5273, 38.1842,
48.1997

■ 26.7906, 28.1816,
15.7571

■ 39.1066, 40.5789,
57.5800

■ 25.4214, 26.5502,
11.8879

■ 41.9125, 43.1126,
68.0048

■ 24.2243, 25.0324,
8.7870

■ 44.9513, 45.7882,
79.5054

■ 23.1888, 23.6235,
6.4007

■ 48.2288, 48.6086,
92.1117

■ 22.3031, 22.3181,
4.6685

■ 50.9845, 51.2700,
101.8167

■ 21.5533, 21.1101,
3.5196

■ 51.9903, 53.2815,
102.1519

■ 20.9130, 19.9885,
2.8162

■ 53.0277, 55.3563,
102.4977

Harmonies

Analogous

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



32.8336, 33.7976, 32.8665



32.0214, 33.7976, 32.4396



31.2496, 33.7976, 33.1390

Triad

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



32.0214, 33.7976, 32.4396



30.8185, 33.7976, 39.3842



33.5702, 33.7976, 38.8556

Complementary

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



32.0214, 33.7976, 32.4396



29.5322, 30.9090, 38.1282

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.



33.0138, 33.7976, 40.7208



32.0214, 33.7976, 32.4396



31.4239, 33.7976, 41.0351

Square

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



32.0214, 33.7976, 32.4396



30.5627, 33.7976, 37.0936



32.2260, 33.7976, 41.5343



33.7368, 33.7976, 36.5076

Rectangle

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



32.0214, 33.7976, 32.4396



30.8592, 33.7976, 34.1683



32.2260, 33.7976, 41.5343



33.4221, 33.7976, 39.5631

Sweetspot

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



32.0223, 33.7991, 32.4403



59.4695, 62.6490, 65.3500



30.7343, 30.6858, 33.6669



12.9768, 13.6748, 14.1057



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



32.0223, 33.7991, 32.4403



56.8071, 59.9823, 56.2681



32.1517, 34.8862, 32.6433



7.4778, 7.8939, 7.5096



16.6743, 15.9225, 2.1945



0.3875, 0.4088, 0.0585

Inverse Universe

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



29.5322, 30.9090, 38.1282



51.6343, 53.9787, 68.0840



29.4081, 29.9062, 37.9412



6.8575, 7.1740, 8.9264



5.9481, 3.6757, 27.3258



0.1633, 0.1538, 0.5869

Previews

White Background



This preview shows how the XYZ color 32.0214, 33.7976, 32.4396 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 32.0214, 33.7976, 32.4396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

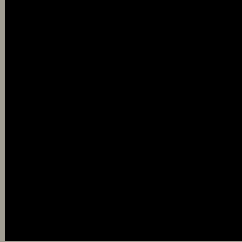
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.0214, 33.7976, 32.4396

Background



This preview shows how black text looks on a background with the XYZ color 32.0214, 33.7976, 32.4396.



This preview shows how white text looks on a background with the XYZ color 32.0214, 33.7976,

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

32.0214, 33.7976, 32.4396

Protanopia

32.2237, 33.9019, 32.4491

Deuteranopia

34.4780, 33.8247, 32.7286



Tritanopia

33.7484, 33.7569, 40.8134

Trichromacy



Original Color

32.0214, 33.7976, 32.4396

Protanomaly

32.2237, 33.9019, 32.4491

Deuteranomaly

33.6955, 33.9072, 32.7858

Tritanomaly

33.0836, 33.7324, 37.5682

Monochromacy



Original Color

32.0214, 33.7976, 32.4396

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.9073, 33.6830, 34.9568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0214, 33.7976, 32.4396 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(161, 157, 147)` looks like.

```
.text, #text, p{  
    color:rgb(161, 157, 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(161, 157, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 157, 147) }
```

Border

The CSS property to change the border of an element to XYZ 32.0214, 33.7976, 32.4396 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(161, 157, 147) }
```


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

```
.border{ border-color:rgb(161, 157, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 157, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 157, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 157, 147);  
box-shadow:4px 4px 4px 4px rgb(161, 157,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0214, 33.7976, 32.4396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 157, 147) }
```

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

```
.background{ background-color: rgb(161,  
157, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor