

Converting Colors

XYZ(32.4659, 32.0005, 30.8842)

Have a look what the booklet for
XYZ(32.4659, 32.0005, 30.8842)
contains.

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Color

**XYZ(32.5761, 32.1664,
30.8774)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9590
RGB	171, 149, 144
RGB Percent	67%, 58%, 56%
CMY	0.3294, 0.4157, 0.4353
CMYK	0.00, 0.13, 0.16, 0.33
HSL	11°, 14%, 62%
HSV	11°, 16%, 67%
XYZ	32.5761, 32.1664, 30.8774
YIQ	155.0080, 14.7170, 3.1090

Conversions

Conversions Part 2

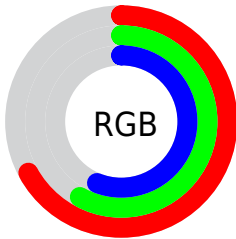
Format	Color
RYB	171, 150, 144
Decimal	11244944
CIELab	63.48, 7.32, 5.64
CIElCh	63, 9.241, 37.583
Yxy	32.1664, 0.3407, 0.3364
Android (android.graphics.Color)	4289435024 (0xFFAB9590)
YUV	155.0080, -5.4269, 14.0250
Hunter-Lab	56.7154, 3.2745, 7.4217

Details

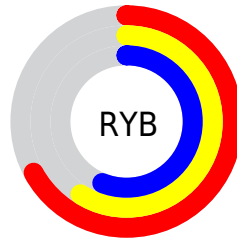
The XYZ color **32.5761, 32.1664, 30.8774** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4884, 36.1414, 43.7922**, and the grayscale version is **31.1787, 32.8024, 35.7218**.

A 20% lighter version of the original color is **63.2275, 63.1200, 62.2770**, and **13.9958, 13.4655, 12.4511** is the 20% darker color. If you saturate the color by 10%, you get **29.2932, 27.5359, 23.8160**, and if you desaturate by 10%, it is **36.3225, 37.4063, 39.0708**.

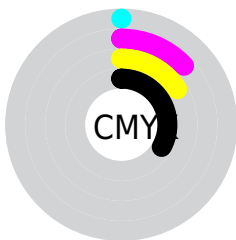
Distribution



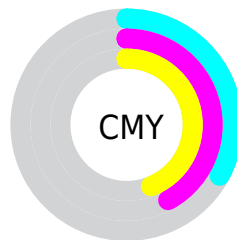
- Red (67%)
- Green (58%)
- Blue (56%)



- Red (67%)
- Yellow (59%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (16%)
- Black (33%)





- Cyan (33%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5761, 32.1664, 30.8774 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 32.5761, 32.1664, 30.8774 by changing the saturation by 10% instead.


 32.5761, 32.1664,
30.8774


 32.5761, 32.1664,
30.8774


305.4341,
311.8766, 320.3068

 21.9596, 21.4886,
20.2478


 63.0723, 63.0719,
62.1243

 13.9436, 13.4816,
12.3895


 83.6826, 84.0683,
83.5787

 8.1629, 7.7610,
6.8837


108.3550,
109.2732, 109.4785

 4.2521, 3.9424,
3.3122

137.4547,
139.0708, 140.2422

 1.8457, 1.6414,
1.2562

171.3471,
173.8455, 176.2883

 0.5450, 0.3853,
0.0254

210.3976,

 0.0000, 0.0000,

213.9818, 218.0354

0.0000

254.9715,
259.8640, 265.9021

■ 32.5761, 32.1664,
30.8774

■ 32.5761, 32.1664,
30.8774

■ 29.2932, 27.5359,
23.8160

■ 36.3225, 37.4063,
39.0708

■ 26.4529, 23.4885,
17.8346

■ 40.5468, 43.2723,
48.4409

■ 24.0369, 20.0021,
12.8805

■ 45.2662, 49.7857,
59.0325

■ 22.0242, 17.0518,
8.8955

■ 50.4960, 56.9655,
70.8873

■ 20.3923, 14.6107,
5.8155

■ 56.2512, 64.8301,
84.0452

■ 19.1162, 12.6493,
3.5687

■ 62.5458, 73.3968,
98.5443

■ 18.1678, 11.1353,
2.0724

■ 67.9605, 82.1095,
106.8746

■ 17.5131, 10.0315,
1.2200

■ 70.6048, 87.3980,
107.7560

■ 17.3028, 9.6742,
0.9553

Harmonies

Analogous

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



33.0919, 32.1664, 34.0970



32.5761, 32.1664, 30.8774



31.5264, 32.1664, 28.8733

Triad

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



32.5761, 32.1664, 30.8774



28.3426, 32.1664, 32.3905



30.9008, 32.1664, 42.5275

Complementary

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



32.5761, 32.1664, 30.8774



32.4884, 36.1414, 43.7922

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.



29.6394, 32.1664, 41.9909



32.5761, 32.1664, 30.8774



28.1857, 32.1664, 35.9671

Square

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



32.5761, 32.1664, 30.8774



29.0889, 32.1664, 29.7032



28.6541, 32.1664, 39.5256



32.1072, 32.1664, 40.9444

Rectangle

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



32.5761, 32.1664, 30.8774



30.6777, 32.1664, 28.4106



28.6541, 32.1664, 39.5256



30.4690, 32.1664, 42.5909

Sweetspot

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



32.5770, 32.1678, 30.8781



65.5530, 67.6913, 71.0795



33.6558, 31.3600, 40.3801



14.5096, 14.9436, 15.6107



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.



32.5770, 32.1678, 30.8781



56.1643, 54.5459, 50.5874



34.8288, 36.6715, 31.6287



8.1209, 8.2465, 8.3771



13.0730, 7.3515, 0.7300



0.3984, 0.2739, 0.0319

Inverse Universe

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



32.4884, 36.1414, 43.7922



55.9736, 63.0463, 78.2209



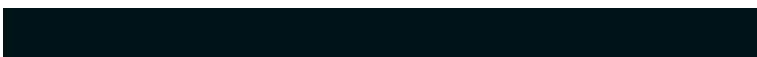
30.1705, 31.5055, 43.0195



8.1083, 8.8159, 10.2270



12.5714, 16.2767, 31.5236



0.3819, 0.5172, 0.8877

Previews

White Background



This preview shows how the XYZ color 32.5761, 32.1664, 30.8774 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 32.5761, 32.1664, 30.8774 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 32.5761, 32.1664, 30.8774

Background



This preview shows how black text looks on a background with the XYZ color 32.5761, 32.1664, 30.8774.



This preview shows how white text looks on a background with the XYZ color 32.5761, 32.1664,

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

32.5761, 32.1664, 30.8774

Protanopia

30.6801, 32.1269, 31.7782

Deuteranopia

32.7947, 32.2792, 30.8876



Tritanopia

33.8389, 32.2203, 36.7834

Trichromacy



Original Color

32.5761, 32.1664, 30.8774

Protanomaly

31.4433, 32.2873, 31.3629

Deuteranomaly

32.7947, 32.2792, 30.8876

Tritanomaly

33.3529, 32.2504, 34.6040

Monochromacy



Original Color

32.5761, 32.1664, 30.8774

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.6751, 32.5939, 33.9000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5761, 32.1664, 30.8774 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(171, 149, 144)` looks like.

```
.text, #text, p{  
    color:rgb(171, 149, 144)  
}
```

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(171, 149, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 149, 144) }
```

Border

The CSS property to change the border of an element to XYZ 32.5761, 32.1664, 30.8774 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(171, 149, 144) }
```


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

```
.border{ border-color:rgb(171, 149, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 149, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 149, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 149, 144);  
box-shadow:4px 4px 4px 4px rgb(171, 149,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5761, 32.1664, 30.8774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 149, 144) }
```

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

```
.background{ background-color: rgb(171,  
149, 144) }
```

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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