

Converting Colors

XYZ(32.0159, 31.9547, 33.6007)

Have a look what the booklet for
XYZ(32.0159, 31.9547, 33.6007)
contains.

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Color

**XYZ(32.0093, 32.0464,
33.7767)**

Conversions

Conversions Part 1

Format	Color
Hex	A59697
RGB	165, 150, 151
RGB Percent	65%, 59%, 59%
CMY	0.3529, 0.4117, 0.4078
CMYK	0.00, 0.09, 0.08, 0.35
HSL	356°, 8%, 62%
HSV	356°, 9%, 65%
XYZ	32.0093, 32.0464, 33.7767
YIQ	154.5990, 8.6190, 3.4910

Conversions

Conversions Part 2

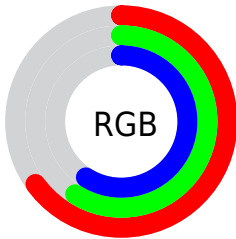
Format	Color
R_{YB}	165, 150, 151
Decimal	10851991
CIE Lab	63.38, 5.71, 1.48
CIE LCh	63, 5.896, 14.491
Yxy	32.0464, 0.3272, 0.3276
Android (android.graphics.Color)	4289042071 (0xFFA59697)
YUV	154.5990, -1.7743, 9.1217
Hunter-Lab	56.6095, 1.8644, 4.2507

Details

The XYZ color **32.0093, 32.0464, 33.7767** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.7348, 36.0754, 40.3616**, and the grayscale version is **30.9843, 32.5979, 35.4991**.

A 20% lighter version of the original color is **62.1275, 62.8092, 66.6065**, and **13.5721, 13.3545, 13.9189** is the 20% darker color. If you saturate the color by 10%, you get **28.3893, 26.6790, 26.7964**, and if you desaturate by 10%, it is **36.1653, 38.2235, 41.7429**.

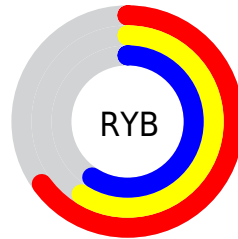
Distribution



Red (65%)

Green (59%)

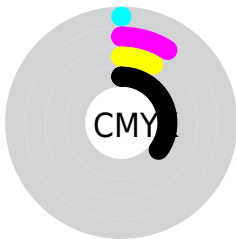
Blue (59%)



Red (65%)

Yellow (59%)

Blue (59%)

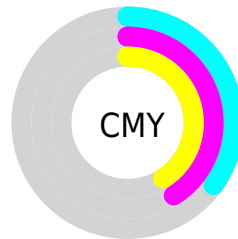


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (35%)



Cyan (35%)


Magenta (41%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0093, 32.0464, 33.7767 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 32.0093, 32.0464, 33.7767 by changing the saturation by 10% instead.


 32.0093, 32.0464,
33.7767


 32.0093, 32.0464,
33.7767


302.9062,
311.3306, 333.8739

 21.5242, 21.3969,
22.4461


 62.1908, 62.8838,
66.7162

 13.6223, 13.4145,
13.9836


 82.6178, 83.8406,
89.1622

 7.9384, 7.7146,
7.9707


107.0896,
109.0019, 116.1504

 4.1070, 3.9129,
3.9887

135.9714,
138.7521, 148.0994

 1.7629, 1.6249,
1.6191

169.6286,
173.4757, 185.4277

 0.4951, 0.3743,
0.3044

208.4265,

 0.0000, 0.0000,

213.5571, 228.5539

0.0000

252.7306,
259.3806, 277.8964

■ 32.0093, 32.0464,
33.7767

■ 32.0093, 32.0464,
33.7767

■ 28.3893, 26.6790,
26.7964

■ 36.1653, 38.2235,
41.7429

■ 25.2810, 22.0837,
20.7616

■ 40.8751, 45.2376,
50.7290

■ 22.6620, 18.2264,
15.6323

■ 46.1590, 53.1196,
60.7700

■ 20.5074, 15.0685,
11.3647

■ 52.0354, 61.8979,
71.8986

■ 18.7900, 12.5681,
7.9117

■ 58.5219, 71.5994,
84.1463

■ 17.4798, 10.6788,
5.2211

■ 65.6353, 82.2500,
97.5429

■ 16.5431, 9.3482,
3.2353

■ 69.3272, 86.7394,
107.6962

■ 15.9405, 8.5149,
1.8881

■ 15.6022, 8.0595,
1.0933

Harmonies

Analogous

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



32.0018, 32.0464, 36.1129



32.0093, 32.0464, 33.7767



31.5963, 32.0464, 31.8271

Triad

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



32.0093, 32.0464, 33.7767



29.3689, 32.0464, 31.7739



30.0400, 32.0464, 39.4215

Complementary

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



32.0093, 32.0464, 33.7767



32.7348, 36.0754, 40.3616

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.



29.3496, 32.0464, 38.1499



32.0093, 32.0464, 33.7767



28.9669, 32.0464, 33.7011

Square

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



32.0093, 32.0464, 33.7767



30.0668, 32.0464, 30.7064



28.9599, 32.0464, 36.0338



30.8549, 32.0464, 39.4440

Rectangle

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



32.0093, 32.0464, 33.7767



31.1423, 32.0464, 30.9791



28.9599, 32.0464, 36.0338



29.7860, 32.0464, 39.1235

Sweetspot

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



32.0102, 32.0478, 33.7774



61.7007, 63.8919, 68.8848



33.0086, 32.4232, 40.1162



13.3606, 13.7772, 14.8136



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.0102, 32.0478, 33.7774



55.8790, 55.2450, 57.7063



32.9955, 34.1475, 33.7080



7.0920, 7.0932, 7.4708



11.7918, 6.0728, 0.8282



0.2532, 0.1298, 0.0458

Inverse Universe

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



32.0102, 32.0478, 33.7774



55.8790, 55.2450, 57.7063



31.6827, 33.8264, 40.4569



7.0920, 7.0932, 7.4708



11.7918, 6.0728, 0.8282



0.2532, 0.1298, 0.0458

Previews

White Background



This preview shows how the XYZ color 32.0093, 32.0464, 33.7767 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 32.0093, 32.0464, 33.7767 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

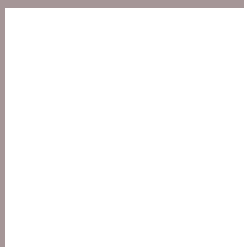
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.0093, 32.0464, 33.7767

Background



This preview shows how black text looks on a background with the XYZ color 32.0093, 32.0464, 33.7767.



This preview shows how white text looks on a background with the XYZ color 32.0093, 32.0464,

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

32.0093, 32.0464, 33.7767

Protanopia

30.8513, 32.1503, 34.7166

Deuteranopia

32.6955, 32.1643, 33.7632



Tritanopia

32.8185, 32.1399, 37.7316

Trichromacy



Original Color

32.0093, 32.0464, 33.7767

Protanomaly

31.1938, 32.0944, 34.2565

Deuteranomaly

32.4818, 32.0541, 33.7532

Tritanomaly

32.5591, 32.0362, 36.3658

Monochromacy



Original Color

32.0093, 32.0464, 33.7767

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.5220, 32.4865, 35.1810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0093, 32.0464, 33.7767 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(165, 150, 151)` looks like.

```
.text, #text, p{  
    color:rgb(165, 150, 151)  
}
```

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(165, 150, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 150, 151) }
```

Border

The CSS property to change the border of an element to XYZ 32.0093, 32.0464, 33.7767 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(165, 150, 151) }
```


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

```
.border{ border-color:rgb(165, 150, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 150, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 150, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 150, 151);  
box-shadow:4px 4px 4px 4px rgb(165, 150,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0093, 32.0464, 33.7767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 150, 151) }
```

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

```
.background{ background-color: rgb(165,  
150, 151) }
```

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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