

Converting Colors

XYZ(29.1718, 32.3120, 32.8886)

Have a look what the booklet for
XYZ(29.1718, 32.3120, 32.8886)
contains.

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Color

**XYZ(29.0793, 32.2718,
32.7134)**

Conversions

Conversions Part 1

Format	Color
Hex	919D94
RGB	145, 157, 148
RGB Percent	57%, 62%, 58%
CMY	0.4314, 0.3843, 0.4196
CMYK	0.08, 0.00, 0.06, 0.38
HSL	135°, 6%, 59%
HSV	135°, 8%, 62%
XYZ	29.0793, 32.2718, 32.7134
YIQ	152.3860, -4.2630, -5.3430

Conversions

Conversions Part 2

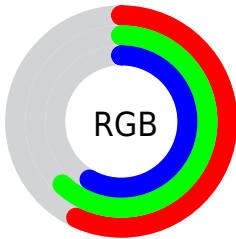
Format	Color
RYB	145, 155, 157
Decimal	9543060
CIELab	63.57, -6.05, 3.23
CIELCh	64, 6.856, 151.881
Yxy	32.2718, 0.3091, 0.3431
Android (android.graphics.Color)	4287733140 (0xFF919D94)
YUV	152.3860, -2.1623, -6.4775
Hunter-Lab	56.8083, -8.0430, 5.6233

Details

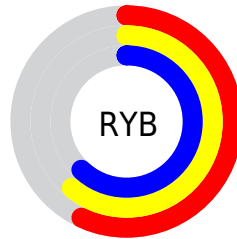
The XYZ color **29.0793, 32.2718, 32.7134** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.8639, 29.7528, 34.7422**, and the grayscale version is **30.0229, 31.5865, 34.3977**.

A 20% lighter version of the original color is **57.7573, 63.4933, 65.0884**, and **12.0310, 13.6040, 13.3010** is the 20% darker color. If you saturate the color by 10%, you get **25.6165, 30.5899, 27.9309**, and if you desaturate by 10%, it is **33.0211, 34.1915, 38.0148**.

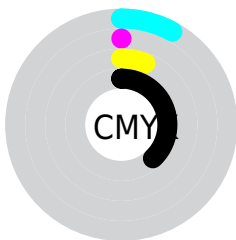
Distribution



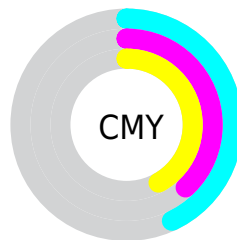
- Red (57%)
- Green (62%)
- Blue (58%)



- Red (57%)
- Yellow (61%)
- Blue (62%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (38%)



- Cyan (43%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0793, 32.2718, 32.7134 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 29.0793, 32.2718, 32.7134 by changing the saturation by 10% instead.

■ 29.0793, 32.2718,
32.7134

■ 29.0793, 32.2718,
32.7134

289.5764,
312.3555, 328.9486

■ 19.2854, 21.5692,
21.6377

■ 57.5997, 63.2369,
65.0387

■ 11.9819, 13.5407,
13.3951

■ 77.0570, 84.2683,
87.1253

■ 6.8035, 7.8019,
7.5673

100.4661,
109.5113, 113.7192

■ 3.3847, 3.9685,
3.7356

128.1923,
139.3504, 145.2391

■ 1.3603, 1.6559,
1.4814

160.6012,
174.1700, 182.1035

■ 0.2277, 0.3949,
0.2040

198.0579,

■ 0.0000, 0.0000,

214.3544, 224.7308

0.0000

240.9278,
260.2881, 273.5397

■ 29.0793, 32.2718,
32.7134

■ 29.0793, 32.2718,
32.7134

■ 25.6165, 30.5899,
27.9309

■ 33.0211, 34.1915,
38.0148

■ 22.6117, 29.1325,
23.6495

■ 37.4566, 36.3536,
43.8478

■ 20.0461, 27.8912,
19.8536

■ 42.4032, 38.7676,
50.2274

■ 17.8986, 26.8556,
16.5259

■ 47.8767, 41.4413,
57.1674

■ 16.1464, 26.0142,
13.6483

■ 53.8921, 44.3823,
64.6812

■ 14.7645, 25.3545,
11.2011

■ 60.4638, 47.5977,
72.7814

■ 13.7248, 24.8625,
9.1636

■ 67.6058, 51.0944,
81.4806

■ 12.9950, 24.5221,
7.5131

■ 69.3559, 51.7985,
90.5111

■ 12.5221, 24.3064,
6.2238

■ 71.1844, 52.5299,
100.1400

Harmonies

Analogous

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



29.7120, 32.2718, 30.8518



29.0793, 32.2718, 32.7134



28.8712, 32.2718, 35.3117

Triad

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



29.0793, 32.2718, 32.7134



30.7338, 32.2718, 40.6717



32.2622, 32.2718, 32.4287

Complementary

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



29.0793, 32.2718, 32.7134



29.8639, 29.7528, 34.7422

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.



32.5490, 32.2718, 34.9659



29.0793, 32.2718, 32.7134



31.6553, 32.2718, 39.8049

Square

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



29.0793, 32.2718, 32.7134



29.8145, 32.2718, 39.9931



32.3247, 32.2718, 37.6806



31.5486, 32.2718, 30.6936

Rectangle

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



29.0793, 32.2718, 32.7134



28.9977, 32.2718, 37.1388



32.3247, 32.2718, 37.6806



32.4124, 32.2718, 33.2113

Sweetspot

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



29.0802, 32.2732, 32.7141



55.9265, 59.6683, 63.7907



30.5336, 33.0495, 31.5583



12.3255, 13.1390, 14.0626



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



29.0802, 32.2732, 32.7141



51.0746, 57.3075, 57.2162



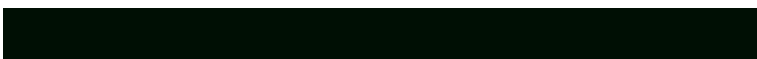
29.5511, 32.4616, 35.1941



6.6154, 7.4269, 7.4092



10.1063, 19.7104, 4.9165



0.1960, 0.3586, 0.1687

Inverse Universe

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



29.8639, 29.7528, 34.7422



52.7416, 51.9463, 61.5300



29.3922, 29.5641, 32.2580



6.8333, 6.7262, 7.9730



13.9525, 6.8856, 14.5327



0.2651, 0.1294, 0.3422

Previews

White Background



This preview shows how the XYZ color 29.0793, 32.2718, 32.7134 looks on a white background.

Color Contrast Check

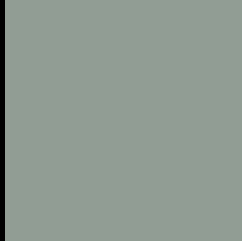
Large Text (above 18pt) WCAG AA × Fail

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 29.0793, 32.2718, 32.7134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

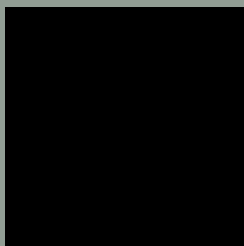
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

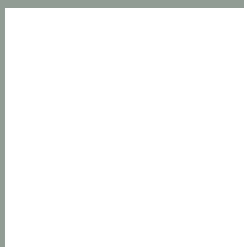
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0793, 32.2718, 32.7134

Background



This preview shows how black text looks on a background with the XYZ color 29.0793, 32.2718, 32.7134.



This preview shows how white text looks on a background with the XYZ color 29.0793, 32.2718,

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

29.0793, 32.2718, 32.7134

Protanopia

30.6801, 32.1269, 31.7782

Deuteranopia

32.8300, 32.2429, 33.3473



Tritanopia

30.6513, 32.1603, 40.6685

Trichromacy



Original Color

29.0793, 32.2718, 32.7134

Protanomaly

29.9589, 31.9901, 32.1995

Deuteranomaly

31.3510, 32.2035, 32.9973

Tritanomaly

30.0120, 32.1489, 37.4245

Monochromacy



Original Color

29.0793, 32.2718, 32.7134

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.5359, 31.7351, 33.8469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0793, 32.2718, 32.7134 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(145, 157, 148) looks like.

```
.text, #text, p{  
    color:rgb(145, 157, 148)  
}
```

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(145, 157, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 157, 148) }
```

Border

The CSS property to change the border of an element to XYZ 29.0793, 32.2718, 32.7134 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(145, 157, 148) }
```


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

```
.border{ border-color:rgb(145, 157, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 157, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 157, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 157, 148);  
box-shadow:4px 4px 4px 4px rgb(145, 157,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0793, 32.2718, 32.7134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 157, 148) }
```

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

```
.background{ background-color: rgb(145,  
157, 148) }
```

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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