

Converting Colors

XYZ(29.1891, 32.8814, 30.7559)

Have a look what the booklet for
XYZ(29.1891, 32.8814, 30.7559)
contains.

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Color

**XYZ(29.2101, 32.8904,
30.7956)**

Conversions

Conversions Part 1

Format	Color
Hex	929F8F
RGB	146, 159, 143
RGB Percent	57%, 62%, 56%
CMY	0.4274, 0.3765, 0.4392
CMYK	0.08, 0.00, 0.10, 0.38
HSL	109°, 8%, 59%
HSV	109°, 10%, 62%
XYZ	29.2101, 32.8904, 30.7956
YIQ	153.2890, -2.6120, -7.7320

Conversions

Conversions Part 2

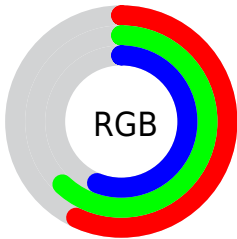
Format	Color
RYB	143, 159, 156
Decimal	9609103
CIELab	64.07, -7.72, 6.77
CIELCh	64, 10.270, 138.739
Yxy	32.8904, 0.3144, 0.3541
Android (android.graphics.Color)	4287799183 (0xFF929F8F)
YUV	153.2890, -5.0725, -6.3925
Hunter-Lab	57.3502, -9.4475, 8.3079

Details

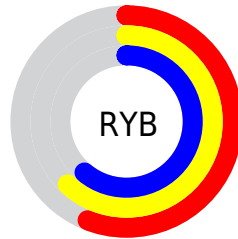
The XYZ color **29.2101, 32.8904, 30.7956** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.7921, 29.2170, 36.8718**, and the grayscale version is **30.4271, 32.0117, 34.8607**.

A 20% lighter version of the original color is **57.9440, 64.4037, 62.2005**, and **12.0577, 13.9483, 12.4127** is the 20% darker color. If you saturate the color by 10%, you get **25.9218, 31.3256, 24.7934**, and if you desaturate by 10%, it is **32.9306, 34.6602, 37.7107**.

Distribution



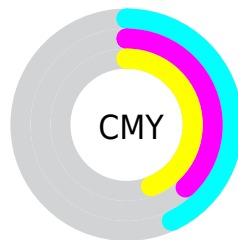
- Red (57%)
- Green (62%)
- Blue (56%)



- Red (56%)
- Yellow (62%)
- Blue (61%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (38%)



- Cyan (43%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2101, 32.8904, 30.7956 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 29.2101, 32.8904, 30.7956 by changing the saturation by 10% instead.

■ 29.2101, 32.8904,
30.7956

■ 29.2101, 32.8904,
30.7956

290.1813,
315.1556, 319.9175

■ 19.3849, 22.0425,
20.1861

■ 57.8060, 64.2044,
61.9939

■ 12.0544, 13.8881,
12.3450

■ 77.3074, 85.4392,
83.4198

■ 6.8532, 8.0429,
6.8537

100.7649,
110.9052, 109.2883

■ 3.4160, 4.1224,
3.2937

128.5438,
140.9867, 140.0178

■ 1.3774, 1.7423,
1.2465

161.0096,
176.0681, 176.0269

■ 0.2400, 0.4508,
0.0173

198.5275,

■ 0.0000, 0.0000,

216.5338, 217.7342

0.0000

241.4630,
262.7681, 265.5583

■ 29.2101, 32.8904,
30.7956

■ 29.2101, 32.8904,
30.7956

■ 25.9218, 31.3256,
24.7934

■ 32.9306, 34.6602,
37.7107

■ 23.0471, 29.9542,
19.6639

■ 37.0956, 36.6376,
45.5722

■ 20.5704, 28.7700,
15.3672

■ 41.7200, 38.8306,
54.4149

■ 18.4737, 27.7646,
11.8591

■ 46.8174, 41.2456,
64.2709

■ 16.7378, 26.9291,
9.0918

■ 52.4009, 43.8885,
75.1709

■ 15.3416, 26.2539,
7.0121

■ 58.4829, 46.7652,
87.1443

■ 14.2618, 25.7283,
5.5595

■ 65.0756, 49.8812,
100.2195

■ 13.4721, 25.3402,
4.6635

■ 69.6445, 52.2237,
101.0173

■ 12.9285, 25.0706,
4.1577

■ 71.6888, 53.2775,
101.1129

Harmonies

Analogous

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



30.3733, 32.8904, 28.7641



29.2101, 32.8904, 30.7956



28.6035, 32.8904, 34.2739

Triad

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



29.2101, 32.8904, 30.7956



30.7196, 32.8904, 44.2363



33.9793, 32.8904, 33.3053

Complementary

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



29.2101, 32.8904, 30.7956



29.7921, 29.2170, 36.8718

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.



34.0790, 32.8904, 37.3955



29.2101, 32.8904, 30.7956



32.1665, 32.8904, 43.9264

Square

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



29.2101, 32.8904, 30.7956



29.4568, 32.8904, 42.1623



33.4064, 32.8904, 41.3457



33.1381, 32.8904, 30.1338

Rectangle

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



29.2101, 32.8904, 30.7956



28.5834, 32.8904, 37.0402



33.4064, 32.8904, 41.3457



34.1015, 32.8904, 34.6114

Sweetspot

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



29.2110, 32.8918, 30.7963



56.8967, 61.0836, 63.6520



31.1123, 33.0655, 30.7296



12.7078, 13.7144, 14.1276



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.



29.2110, 32.8918, 30.7963



50.9725, 58.2661, 52.6881



29.0563, 32.7691, 32.7285



6.6610, 7.4579, 7.0741



10.2383, 19.8148, 3.2850



0.2110, 0.3687, 0.0600

Inverse Universe

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



29.7921, 29.2170, 36.8718



52.2184, 50.3855, 65.7166



29.9711, 29.3565, 34.7473



6.7822, 6.6917, 8.3408



12.1497, 5.6924, 26.3656



0.2461, 0.1167, 0.4728

Previews

White Background



This preview shows how the XYZ color 29.2101, 32.8904, 30.7956 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 29.2101, 32.8904, 30.7956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

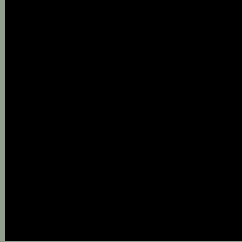
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.2101, 32.8904, 30.7956

Background



This preview shows how black text looks on a background with the XYZ color 29.2101, 32.8904, 30.7956.



This preview shows how white text looks on a background with the XYZ color 29.2101, 32.8904,

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

29.2101, 32.8904, 30.7956

Protanopia

31.2270, 32.9428, 29.9121

Deuteranopia

33.4727, 32.8557, 31.3656



Tritanopia

31.3669, 32.7539, 41.7147

Trichromacy



Original Color

29.2101, 32.8904, 30.7956

Protanomaly

30.4813, 32.7978, 30.3153

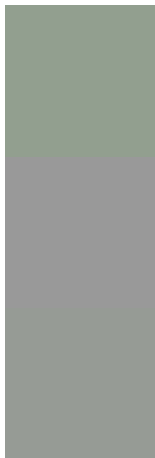
Deuteranomaly

31.7351, 32.6886, 31.0225

Tritanomaly

30.5409, 32.6697, 37.4971

Monochromacy



Original Color

29.2101, 32.8904, 30.7956

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.7238, 32.0966, 33.0624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2101, 32.8904, 30.7956 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(146, 159, 143)` looks like.

```
.text, #text, p{  
    color:rgb(146, 159, 143)  
}
```

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(146, 159, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 159, 143) }
```

Border

The CSS property to change the border of an element to XYZ 29.2101, 32.8904, 30.7956 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(146, 159, 143) }
```


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

```
.border{ border-color:rgb(146, 159, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 159, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 159, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 159, 143);  
box-shadow:4px 4px 4px 4px rgb(146, 159,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2101, 32.8904, 30.7956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 159, 143) }
```

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

```
.background{ background-color: rgb(146,  
159, 143) }
```

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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