

Converting Colors

XYZ(30.2091, 30.8132, 32.6716)

Have a look what the booklet for
XYZ(30.2091, 30.8132, 32.6716)
contains.

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Color

**XYZ(30.2728, 30.9339,
32.8091)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9595
RGB	158, 149, 149
RGB Percent	62%, 58%, 58%
CMY	0.3804, 0.4157, 0.4157
CMYK	0.00, 0.06, 0.06, 0.38
HSL	0°, 4%, 60%
HSV	0°, 6%, 62%
XYZ	30.2728, 30.9339, 32.8091
YIQ	151.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

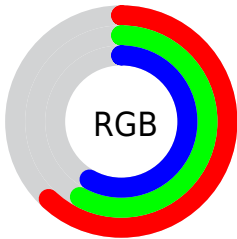
Format	Color
R _Y B	158, 149, 149
Decimal	10392981
CIE Lab	62.45, 3.31, 1.18
CIE LCh	62, 3.511, 19.613
Yxy	30.9339, 0.3220, 0.3290
Android (android.graphics.Color)	4288583061 (0xFF9E9595)
YUV	151.6910, -1.3267, 5.5330
Hunter-Lab	55.6183, -0.1751, 3.9577

Details

The XYZ color **30.2728, 30.9339, 32.8091** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7928, 33.3114, 37.1549**, and the grayscale version is **29.7165, 31.2641, 34.0466**.

A 20% lighter version of the original color is **59.5760, 61.1698, 65.1669**, and **12.6357, 12.7430, 13.3489** is the 20% darker color. If you saturate the color by 10%, you get **26.7643, 25.8004, 25.8326**, and if you desaturate by 10%, it is **34.2931, 36.8165, 40.8014**.

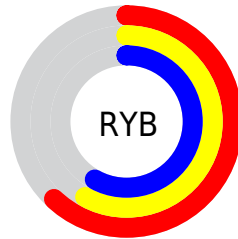
Distribution



Red (62%)

Green (58%)

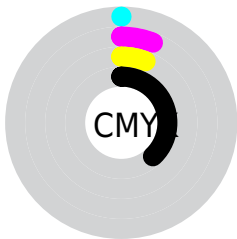
Blue (58%)



Red (62%)

Yellow (58%)

Blue (58%)

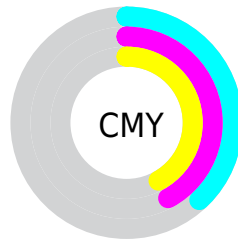


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2728, 30.9339, 32.8091 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 30.2728, 30.9339, 32.8091 by changing the saturation by 10% instead.

■ 30.2728, 30.9339,
32.8091

■ 30.2728, 30.9339,
32.8091

295.0610,
306.2337, 329.3942

■ 20.1948, 20.5485,
21.7103

■ 59.4770, 61.1360,
65.1899

■ 12.6458, 12.7944,
13.4479

■ 79.3340, 81.7215,
87.3091

■ 7.2604, 7.2871,
7.6034

103.1813,
106.4758, 113.9388

■ 3.6733, 3.6423,
3.7581

131.3843,
135.7834, 145.4976

■ 1.5190, 1.4756,
1.4936

164.3085,
170.0285, 182.4039

■ 0.3387, 0.2714,
0.2132

202.3191,

■ 0.0000, 0.0000,

209.5957, 225.0765

0.0000

245.7815,
254.8693, 273.9337

■ 30.2728, 30.9339,
32.8091

■ 30.2728, 30.9339,
32.8091

■ 26.7643, 25.8004,
25.8326

■ 34.2931, 36.8165,
40.8014

■ 23.7447, 21.3820,
19.8292

■ 38.8419, 43.4722,
49.8457

■ 21.1931, 17.6483,
14.7563

■ 43.9383, 50.9291,
59.9789

■ 19.0860, 14.5651,
10.5675

■ 49.5997, 59.2126,
71.2357

■ 17.3981, 12.0950,
7.2121

■ 55.8427, 68.3470,
83.6490

■ 16.1012, 10.1973,
4.6344

■ 62.6832, 78.3557,
97.2505

■ 15.1642, 8.8260,
2.7721

■ 67.9107, 86.0092,
107.6299

■ 14.5507, 7.9281,
1.5531

■ 14.2123, 7.4327,
0.8809

Harmonies

Analogous

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



30.3117, 30.9339, 34.1568



30.2728, 30.9339, 32.8091



29.9991, 30.9339, 31.7234

Triad

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



30.2728, 30.9339, 32.8091



28.7098, 30.9339, 32.0109



29.2370, 30.9339, 36.3278

Complementary

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



30.2728, 30.9339, 32.8091



30.7928, 33.3114, 37.1549

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.



28.8124, 30.9339, 35.7191



30.2728, 30.9339, 32.8091



28.5102, 30.9339, 33.2111

Square

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



30.2728, 30.9339, 32.8091



29.0954, 30.9339, 31.2713



28.5476, 30.9339, 34.5698



29.7102, 30.9339, 36.2130

Rectangle

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



30.2728, 30.9339, 32.8091



29.7219, 30.9339, 31.2828



28.5476, 30.9339, 34.5698



29.0839, 30.9339, 36.2003

Sweetspot

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



30.2737, 30.9352, 32.8098



57.5362, 59.9233, 64.6715



31.0200, 31.2331, 36.7418



12.9908, 13.5379, 14.6184



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.



30.2737, 30.9352, 32.8098



54.0018, 54.7518, 57.6443



30.9990, 32.3860, 33.0516



6.7868, 6.8712, 7.2244



11.2936, 5.8227, 0.5287



0.2020, 0.1042, 0.0095

Inverse Universe

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



30.7928, 33.3114, 37.1549



55.1719, 60.1073, 67.4374



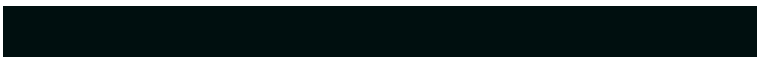
30.0397, 31.8051, 36.9039



6.9395, 7.5699, 8.5021



14.7289, 21.5494, 29.2904



0.2634, 0.3854, 0.5237

Previews

White Background



This preview shows how the XYZ color 30.2728, 30.9339, 32.8091 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 30.2728, 30.9339, 32.8091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

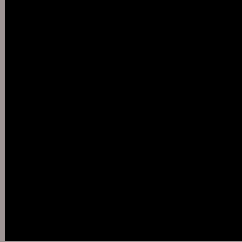
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.2728, 30.9339, 32.8091

Background



This preview shows how black text looks on a background with the XYZ color 30.2728, 30.9339, 32.8091.

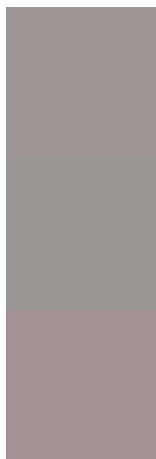


This preview shows how white text looks on a background with the XYZ color 30.2728, 30.9339,

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

30.2728, 30.9339, 32.8091

Protanopia

29.7378, 30.8847, 33.2482

Deuteranopia

31.5098, 30.8668, 33.1513



Tritanopia

30.9898, 30.7416, 37.1013

Trichromacy



Original Color

30.2728, 30.9339, 32.8091

Protanomaly

29.9289, 30.9833, 33.2571

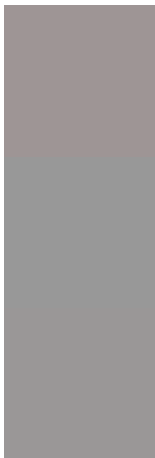
Deuteranomaly

31.0430, 30.8560, 33.1738

Tritanomaly

30.8044, 30.9173, 35.3544

Monochromacy



Original Color

30.2728, 30.9339, 32.8091

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.9789, 31.2376, 33.7276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2728, 30.9339, 32.8091 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(158, 149, 149)` looks like.

```
.text, #text, p{  
    color:rgb(158, 149, 149)  
}
```

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(158, 149, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 149, 149) }
```

Border

The CSS property to change the border of an element to XYZ 30.2728, 30.9339, 32.8091 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(158, 149, 149) }
```


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

```
.border{ border-color:rgb(158, 149, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 149, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 149, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 149, 149);  
box-shadow:4px 4px 4px 4px rgb(158, 149,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2728, 30.9339, 32.8091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 149, 149) }
```

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

```
.background{ background-color: rgb(158,  
149, 149) }
```

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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