

Converting Colors

XYZ(27.8301, 29.4107, 32.1858)

Have a look what the booklet for
XYZ(27.8301, 29.4107, 32.1858)
contains.

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Color

**XYZ(27.7893, 29.4289,
32.2327)**

Conversions

Conversions Part 1

Format	Color
Hex	929494
RGB	146, 148, 148
RGB Percent	57%, 58%, 58%
CMY	0.4274, 0.4196, 0.4196
CMYK	0.01, 0.00, 0.00, 0.42
HSL	180°, 1%, 58%
HSV	180°, 1%, 58%
XYZ	27.7893, 29.4289, 32.2327
YIQ	147.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

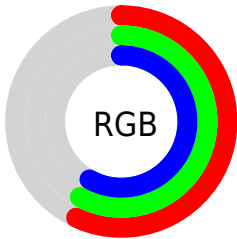
Format	Color
R_{YB}	146, 147, 148
Decimal	9606292
CIE Lab	61.16, -0.72, -0.26
CIE LCh	61, 0.769, 199.917
Yxy	29.4289, 0.3107, 0.3290
Android (android.graphics.Color)	4287796372 (0xFF929494)
YUV	147.4020, 0.2948, -1.2296
Hunter-Lab	54.2484, -3.4963, 2.7456

Details

The XYZ color **27.7893, 29.4289, 32.2327** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.6811, 28.9298, 31.3207**, and the grayscale version is **27.8995, 29.3524, 31.9648**.

A 20% lighter version of the original color is **55.6006, 58.7847, 64.2932**, and **11.2562, 11.8993, 13.0128** is the 20% darker color. If you saturate the color by 10%, you get **25.3257, 28.1599, 32.1110**, and if you desaturate by 10%, it is **30.5952, 30.8761, 32.3716**.

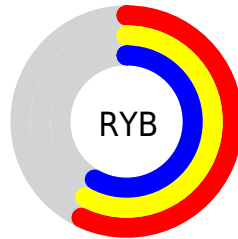
Distribution



Red (57%)

Green (58%)

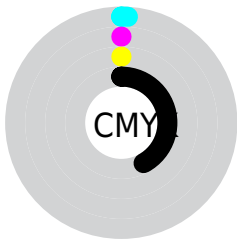
Blue (58%)



Red (57%)

Yellow (58%)

Blue (58%)

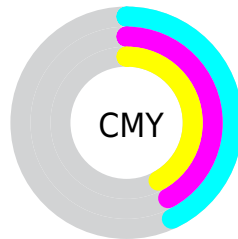


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (42%)



Cyan (43%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7893, 29.4289, 32.2327 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 27.7893, 29.4289, 32.2327 by changing the saturation by 10% instead.

■ 27.7893, 29.4289,
32.2327

■ 27.7893, 29.4289,
32.2327

283.5571,
299.2333, 326.7032

■ 18.3065, 19.4055,
21.2730

■ 55.5589, 58.7578,
64.2779

■ 11.2713, 11.9637,
13.1305

■ 74.5764, 78.8322,
86.2004

■ 6.3183, 6.7189,
7.3867

97.5029, 103.0256,
112.6143

■ 3.0820, 3.2870,
3.6230

124.7037,
131.7226, 143.9381

■ 1.1973, 1.2833,
1.4209

156.5441,
165.3074, 180.5904

■ 0.1042, 0.1282,
0.1579

193.3896,

■ 0.0000, 0.0000,

204.1646, 222.9896

0.0000

235.6055,
248.6784, 271.5544

■ 27.7893, 29.4289,
32.2327

■ 27.7893, 29.4289,
32.2327

■ 25.3257, 28.1599,
32.1110

■ 30.5952, 30.8761,
32.3716

■ 23.1890, 27.0585,
32.0041

■ 33.7531, 32.5039,
32.5264

■ 21.3661, 26.1189,
31.9118

■ 37.2757, 34.3197,
32.6982

■ 19.8423, 25.3335,
31.8335

■ 41.1740, 36.3292,
32.8876

■ 18.6016, 24.6941,
31.7684

■ 45.4587, 38.5378,
33.0951

■ 17.6265, 24.1916,
31.7158

■ 50.1399, 40.9510,
33.3212

■ 16.8977, 23.8160,
31.6747

■ 55.2277, 43.5737,
33.5663

■ 16.3931, 23.5560,
31.6441

■ 57.1865, 44.5833,
33.6650

■ 16.0868, 23.3983,
31.6228

■ 57.1879, 44.5839,
33.6720

Harmonies

Analogous

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



27.7807, 29.4289, 31.9459



27.7893, 29.4289, 32.2327



27.8466, 29.4289, 32.4700

Triad

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



27.7893, 29.4289, 32.2327



28.1200, 29.4289, 32.4021



28.0053, 29.4289, 31.4992

Complementary

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



27.7893, 29.4289, 32.2327



27.6811, 28.9298, 31.3207

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.



28.0964, 29.4289, 31.6199



27.7893, 29.4289, 32.2327



28.1627, 29.4289, 32.1404

Square

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



27.7893, 29.4289, 32.2327



28.0374, 29.4289, 32.5682



28.1541, 29.4289, 31.8542



27.9053, 29.4289, 31.5236

Rectangle

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



27.7893, 29.4289, 32.2327



27.9047, 29.4289, 32.5677



28.1541, 29.4289, 31.8542



28.0379, 29.4289, 31.5241

Sweetspot

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



27.7901, 29.4302, 32.2333



49.6657, 52.2522, 56.9026



27.6391, 29.3704, 31.4070



11.3376, 11.9280, 12.9896



71.1368, 74.8414, 81.5023

Same Dimension

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



27.7901, 29.4302, 32.2333



48.7141, 51.7616, 56.8555



27.6392, 29.1279, 32.1839



6.3875, 6.7805, 7.4415



13.5999, 19.9128, 26.9983



0.1665, 0.2438, 0.3308

Inverse Universe

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



27.6811, 28.9298, 31.3207



48.4251, 50.4363, 54.4380



27.8307, 29.2294, 31.3697



6.3533, 6.6238, 7.1557



10.4325, 5.3781, 0.4927



0.1277, 0.0658, 0.0063

Previews

White Background



This preview shows how the XYZ color 27.7893, 29.4289, 32.2327 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7893, 29.4289, 32.2327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

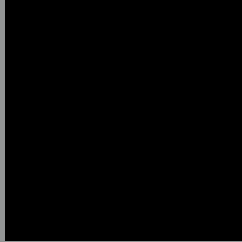
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

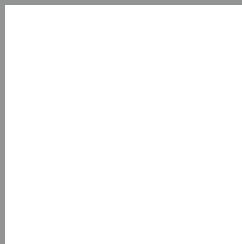
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.7893, 29.4289, 32.2327

Background



This preview shows how black text looks on a background with the XYZ color 27.7893, 29.4289, 32.2327.



This preview shows how white text looks on a background with the XYZ color 27.7893, 29.4289,

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

27.7893, 29.4289, 32.2327

Protanopia

28.2779, 29.4581, 31.7993

Deuteranopia

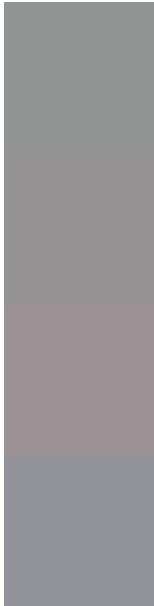
29.9452, 29.3919, 32.5287



Tritanopia

28.6632, 29.3223, 36.4968

Trichromacy



Original Color

27.7893, 29.4289, 32.2327

Protanomaly

28.0946, 29.3636, 31.7908

Deuteranomaly

29.2605, 29.4886, 32.5835

Tritanomaly

28.2991, 29.4036, 34.7558

Monochromacy



Original Color

27.7893, 29.4289, 32.2327

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.7328, 29.1771, 31.7738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7893, 29.4289, 32.2327 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, 148, 148) looks like.

```
.text, #text, p{  
    color:rgb(146, 148, 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(146, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 148, 148) }
```

Border

The CSS property to change the border of an element to XYZ 27.7893, 29.4289, 32.2327 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, 148, 148) }
```

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

```
.border{ border-color:rgb(146, 148, 148) }
```

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

Here you see how a box with a 4 pixel rgb(146, 148, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(146, 148,  
148) }
```


Background

The CSS property to change the background color of an element to XYZ 27.7893, 29.4289, 32.2327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 148, 148) }
```

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

```
.background{ background-color: rgb(146,  
148, 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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