

Converting Colors

XYZ(27.3245, 30.9113, 32.9130)

Have a look what the booklet for
XYZ(27.3245, 30.9113, 32.9130)
contains.

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Color

**XYZ(27.2995, 30.8469,
32.9490)**

Conversions

Conversions Part 1

Format	Color
Hex	889B95
RGB	136, 155, 149
RGB Percent	53%, 61%, 58%
CMY	0.4667, 0.3921, 0.4157
CMYK	0.12, 0.00, 0.04, 0.39
HSL	161°, 9%, 57%
HSV	161°, 12%, 61%
XYZ	27.2995, 30.8469, 32.9490
YIQ	148.6350, -9.3980, -5.8940

Conversions

Conversions Part 2

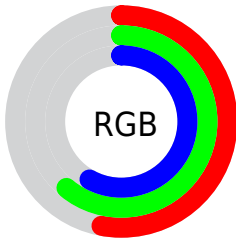
Format	Color
RYB	136, 147, 155
Decimal	8952725
CIELab	62.38, -7.94, 0.86
CIELCh	62, 7.989, 173.812
Yxy	30.8469, 0.2997, 0.3386
Android (android.graphics.Color)	4287142805 (0xFF889B95)
YUV	148.6350, 0.1799, -11.0809
Hunter-Lab	55.5400, -9.4571, 3.7043

Details

The XYZ color **27.2995, 30.8469, 32.9490** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.2053, 26.5306, 29.2796**, and the grayscale version is **28.4166, 29.8965, 32.5573**.

A 20% lighter version of the original color is **54.5662, 60.7315, 65.3463**, and **10.9927, 12.7609, 13.4390** is the 20% darker color. If you saturate the color by 10%, you get **24.5794, 29.4897, 30.8243**, and if you desaturate by 10%, it is **30.4019, 32.4010, 35.1787**.

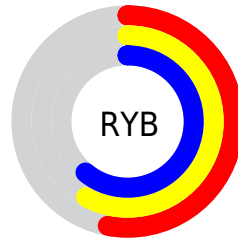
Distribution



Red (53%)

Green (61%)

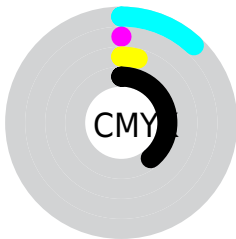
Blue (58%)



Red (53%)

Yellow (58%)

Blue (61%)

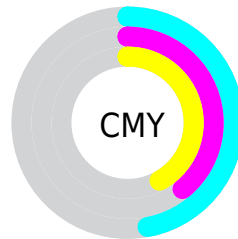


Cyan (12%)

Magenta (0%)

Yellow (4%)

Black (39%)



Cyan (47%)

Magenta (39%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2995, 30.8469, 32.9490 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 27.2995, 30.8469, 32.9490 by changing the saturation by 10% instead.

■ 27.2995, 30.8469,
32.9490

■ 27.2995, 30.8469,
32.9490

281.2455,
305.8324, 330.0448

■ 17.9360, 20.4823,
21.8166

■ 54.7806, 60.9990,
65.4110

■ 11.0035, 12.7461,
13.5252

■ 73.6289, 81.5552,
87.5776

■ 6.1365, 7.2540,
7.6562

■ 96.3696, 106.2774,
114.2595

■ 2.9697, 3.6214,
3.7912

123.3680,
135.5500, 145.8750

■ 1.1378, 1.4641,
1.5115

154.9894,
169.7575, 182.8427

■ 0.0564, 0.2633,
0.2265

191.5992,

■ 0.0000, 0.0000,

209.2841, 225.5813

0.0000

233.5628,
254.5142, 274.5091

■ 27.2995, 30.8469,
32.9490

■ 27.2995, 30.8469,
32.9490

■ 24.5794, 29.4897,
30.8243

■ 30.4019, 32.4010,
35.1787

■ 22.2232, 28.3174,
28.8007

■ 33.8988, 34.1556,
37.5131

■ 20.2148, 27.3225,
26.8771

■ 37.8050, 36.1194,
39.9544

■ 18.5362, 26.4958,
25.0516

■ 42.1339, 38.2991,
42.5044

■ 17.1671, 25.8269,
23.3220

■ 46.8982, 40.7012,
45.1645

■ 16.0856, 25.3044,
21.6864

■ 52.1100, 43.3320,
47.9363

■ 15.2661, 24.9153,
20.1422

■ 57.7810, 46.1976,
50.8213

■ 14.6789, 24.6442,
18.6870

■ 62.0575, 48.3421,
53.7336

■ 14.3256, 24.4854,
17.6182

■ 62.5951, 48.5571,
56.5645

Harmonies

Analogous

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



27.6722, 30.8469, 30.1913



27.2995, 30.8469, 32.9490



27.4571, 30.8469, 36.0498

Triad

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



27.2995, 30.8469, 32.9490



30.1668, 30.8469, 39.3367



30.5643, 30.8469, 29.0052

Complementary

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



27.2995, 30.8469, 32.9490



27.2053, 26.5306, 29.2796

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.



31.2634, 30.8469, 31.2391



27.2995, 30.8469, 32.9490



31.0299, 30.8469, 37.2283

Square

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



27.2995, 30.8469, 32.9490



29.0954, 30.8469, 39.8639



31.4358, 30.8469, 34.2332



29.5438, 30.8469, 28.0063

Rectangle

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



27.2995, 30.8469, 32.9490



27.8436, 30.8469, 37.8819



31.4358, 30.8469, 34.2332



30.8457, 30.8469, 29.6297

Sweetspot

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



27.3004, 30.8482, 32.9497



53.3818, 57.4916, 62.2583



27.3245, 30.9739, 27.8313



11.9896, 12.9663, 14.0264



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.



27.3004, 30.8482, 32.9497



47.3409, 54.4690, 57.8325



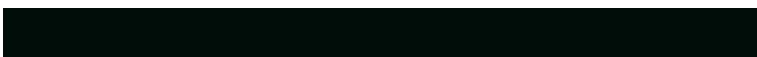
27.2207, 29.9019, 35.3489



6.3015, 6.9933, 7.5111



11.5236, 19.6729, 14.2438



0.1885, 0.3006, 0.2986

Inverse Universe

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



27.2053, 26.5306, 29.2796



47.1331, 45.0208, 49.8021



27.2653, 27.3525, 27.1355



6.2852, 6.2532, 6.8819



11.3177, 5.7813, 2.9321



0.1844, 0.0925, 0.1238

Previews

White Background



This preview shows how the XYZ color 27.2995, 30.8469, 32.9490 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 27.2995, 30.8469, 32.9490 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

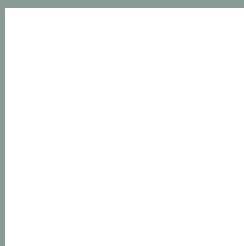
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2995, 30.8469, 32.9490

Background



This preview shows how black text looks on a background with the XYZ color 27.2995, 30.8469, 32.9490.



This preview shows how white text looks on a background with the XYZ color 27.2995, 30.8469,

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

27.2995, 30.8469, 32.9490

Protanopia

29.4211, 30.7580, 31.5804

Deuteranopia

31.3818, 30.7915, 33.5675



Tritanopia

28.8302, 30.9880, 40.0591

Trichromacy



Original Color

27.2995, 30.8469, 32.9490

Protanomaly

28.5273, 30.7661, 32.0387

Deuteranomaly

29.5789, 30.5669, 33.1952

Tritanomaly

28.2948, 31.0177, 37.2966

Monochromacy



Original Color

27.2995, 30.8469, 32.9490

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.9930, 30.2324, 32.7938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2995, 30.8469, 32.9490 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(136, 155, 149)` looks like.

```
.text, #text, p{  
    color:rgb(136, 155, 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(136, 155, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 155, 149) }
```

Border

The CSS property to change the border of an element to XYZ 27.2995, 30.8469, 32.9490 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(136, 155, 149) }
```


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

```
.border{ border-color:rgb(136, 155, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 155, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 155, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 155, 149);  
box-shadow:4px 4px 4px 4px rgb(136, 155,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2995, 30.8469, 32.9490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 155, 149) }
```

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

```
.background{ background-color: rgb(136,  
155, 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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