

Converting Colors

XYZ(29.3821, 32.3988, 37.7150)

Have a look what the booklet for
XYZ(29.3821, 32.3988, 37.7150)
contains.

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Color

**XYZ(29.2995, 32.2799,
37.4873)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9D9F
RGB	141, 157, 159
RGB Percent	55%, 62%, 62%
CMY	0.4471, 0.3843, 0.3765
CMYK	0.11, 0.01, 0.00, 0.38
HSL	187°, 9%, 59%
HSV	187°, 11%, 62%
XYZ	29.2995, 32.2799, 37.4873
YIQ	152.4440, -10.1780, -2.7700

Conversions

Conversions Part 2

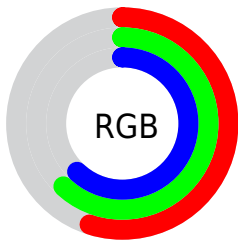
Format	Color
RYB	141, 149, 159
Decimal	9280927
CIELab	63.57, -5.23, -2.98
CIElCh	64, 6.017, 209.681
Yxy	32.2799, 0.2958, 0.3258
Android (android.graphics.Color)	4287471007 (0xFF8D9D9F)
YUV	152.4440, 3.2321, -10.0364
Hunter-Lab	56.8154, -7.3751, 0.6507

Details

The XYZ color **29.2995, 32.2799, 37.4873** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.9284, 28.9388, 29.2609**, and the grayscale version is **30.0273, 31.5911, 34.4027**.

A 20% lighter version of the original color is **58.1868, 63.5441, 72.8168**, and **12.1752, 13.6149, 16.1736** is the 20% darker color. If you saturate the color by 10%, you get **26.4915, 30.3932, 37.2716**, and if you desaturate by 10%, it is **32.5018, 34.3780, 37.7240**.

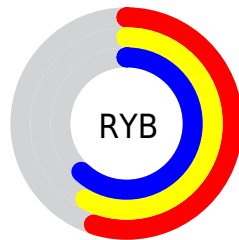
Distribution



Red (55%)

Green (62%)

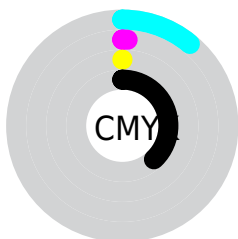
Blue (62%)



Red (55%)

Yellow (58%)

Blue (62%)

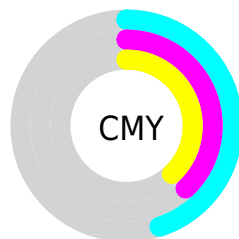


Cyan (11%)

Magenta (1%)

Yellow (0%)

Black (38%)



Cyan (45%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2995, 32.2799, 37.4873 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 29.2995, 32.2799, 37.4873 by changing the saturation by 10% instead.

■ 29.2995, 32.2799,
37.4873

■ 29.2995, 32.2799,
37.4873

290.5942,
312.3923, 350.6475

■ 19.4529, 21.5754,
25.2863

■ 57.9469, 63.2496,
72.5163

■ 12.1039, 13.5452,
16.0695

■ 77.4784, 84.2836,
96.1814

■ 6.8872, 7.8051,
9.4185

■ 100.9689,
109.5296, 124.5048

■ 3.4374, 3.9705,
4.9146

128.7838,
139.3719, 157.9053

■ 1.3890, 1.6571,
2.1394

161.2884,
174.1949, 196.8012

■ 0.2484, 0.3956,
0.6391

198.8481,

■ 0.0000, 0.0000,

214.3830, 241.6112

0.0000

241.8283,
260.3207, 292.7538

■ 29.2995, 32.2799,
37.4873

■ 29.2995, 32.2799,
37.4873

■ 26.4915, 30.3932,
37.2716

■ 32.5018, 34.3780,
37.7240

■ 24.0586, 28.7054,
37.0741

■ 36.1112, 36.6916,
37.9803

■ 21.9841, 27.2086,
36.8945

■ 40.1432, 39.2294,
38.2577

■ 20.2488, 25.8931,
36.7320

■ 44.6117, 41.9988,
38.5567

■ 18.8319, 24.7480,
36.5857

■ 49.5301, 45.0066,
38.8780

■ 17.7101, 23.7613,
36.4544

■ 54.9110, 48.2594,
39.2223

■ 16.8571, 22.9194,
36.3368

■ 60.7667, 51.7635,
39.5900

■ 16.2417, 22.2062,
36.2316

■ 62.0837, 52.9343,
39.7466

■ 15.8356, 21.6581,
36.1472

■ 62.4195, 53.6060,
39.8585

Harmonies

Analogous

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



29.0946, 32.2799, 35.1216



29.2995, 32.2799, 37.4873



29.8732, 32.2799, 39.2923

Triad

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



29.2995, 32.2799, 37.4873



32.0962, 32.2799, 37.5338



30.6901, 32.2799, 30.7228

Complementary

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



29.2995, 32.2799, 37.4873



28.9284, 28.9388, 29.2609

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.



31.5034, 32.2799, 31.3046



29.2995, 32.2799, 37.4873



32.3243, 32.2799, 35.1731

Square

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



29.2995, 32.2799, 37.4873



31.4876, 32.2799, 39.3200



32.1054, 32.2799, 32.9068



29.8884, 32.2799, 31.2808

Rectangle

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



29.2995, 32.2799, 37.4873



30.3928, 32.2799, 39.8961



32.1054, 32.2799, 32.9068



30.9712, 32.2799, 30.7912

Sweetspot

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



29.3004, 32.2813, 37.4880



57.1597, 60.8875, 67.4833



28.3260, 32.4367, 30.6757



12.7820, 13.6590, 15.2064



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.



29.3004, 32.2813, 37.4880



50.9201, 56.7777, 67.0189



27.8644, 29.4091, 37.0093



6.7590, 7.3837, 8.4756



12.5260, 17.1436, 28.5561



0.2401, 0.3388, 0.5160

Inverse Universe

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



29.9095, 28.8557, 35.8932



52.2742, 49.2237, 63.4591



30.3021, 31.6862, 29.7188



6.8724, 6.7419, 8.1793



15.1208, 7.3529, 20.6848



0.2785, 0.1347, 0.4128

Previews

White Background



This preview shows how the XYZ color 29.2995, 32.2799, 37.4873 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 29.2995, 32.2799, 37.4873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

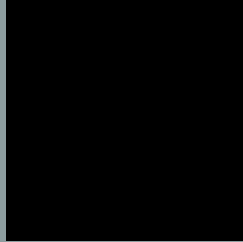
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

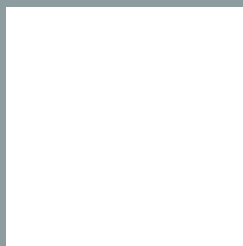
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2995, 32.2799, 37.4873

Background



This preview shows how black text looks on a background with the XYZ color 29.2995, 32.2799, 37.4873.



This preview shows how white text looks on a background with the XYZ color 29.2995, 32.2799,

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

29.2995, 32.2799, 37.4873

Protanopia

31.1873, 32.2847, 36.4861

Deuteranopia

32.6975, 32.0674, 38.1845



Tritanopia

30.2840, 32.4437, 41.7119

Trichromacy



Original Color

29.2995, 32.2799, 37.4873

Protanomaly

30.4897, 32.1591, 36.9481

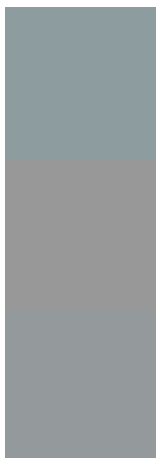
Deuteranomaly

31.2837, 32.0625, 37.7976

Tritanomaly

29.8353, 32.2443, 40.2486

Monochromacy



Original Color

29.2995, 32.2799, 37.4873

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.6847, 31.7737, 35.5787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2995, 32.2799, 37.4873 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(141, 157, 159)` looks like.

```
.text, #text, p{  
    color:rgb(141, 157, 159)  
}
```

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(141, 157, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 157, 159) }
```

Border

The CSS property to change the border of an element to XYZ 29.2995, 32.2799, 37.4873 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(141, 157, 159) }
```


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

```
.border{ border-color:rgb(141, 157, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 157, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 157, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 157, 159); box-shadow:4px 4px 4px 4px rgb(141, 157, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2995, 32.2799, 37.4873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 157, 159) }
```

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

```
.background{ background-color: rgb(141,  
157, 159) }
```

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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