

Converting Colors

XYZ(29.6890, 30.0869, 32.8007)

Have a look what the booklet for
XYZ(29.6890, 30.0869, 32.8007)
contains.

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Color

**XYZ(29.7632, 30.2055,
32.6953)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9395
RGB	157, 147, 149
RGB Percent	62%, 58%, 58%
CMY	0.3843, 0.4235, 0.4157
CMYK	0.00, 0.06, 0.05, 0.38
HSL	348°, 5%, 60%
HSV	348°, 6%, 62%
XYZ	29.7632, 30.2055, 32.6953
YIQ	150.2180, 5.3180, 2.7420

Conversions

Conversions Part 2

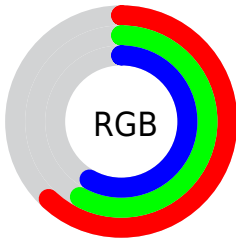
Format	Color
RYB	157, 147, 149
Decimal	10326933
CIELab	61.83, 4.06, 0.26
CIElCh	62, 4.064, 3.717
Yxy	30.2055, 0.3212, 0.3260
Android (android.graphics.Color)	4288517013 (0xFF9D9395)
YUV	150.2180, -0.6005, 5.9478
Hunter-Lab	54.9595, 0.4871, 3.2002

Details

The XYZ color **29.7632, 30.2055, 32.6953** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0072, 32.6844, 35.7393**, and the grayscale version is **29.0836, 30.5982, 33.3215**.

A 20% lighter version of the original color is **58.8175, 60.0821, 64.9969**, and **12.3313, 12.3118, 13.2817** is the 20% darker color. If you saturate the color by 10%, you get **26.5371, 25.2726, 26.9352**, and if you desaturate by 10%, it is **33.4325, 35.8508, 39.1377**.

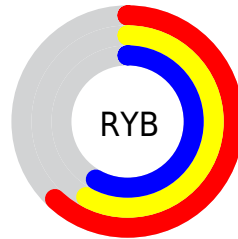
Distribution



Red (62%)

Green (58%)

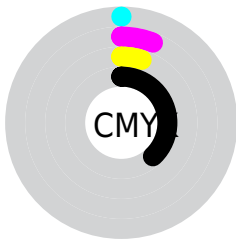
Blue (58%)



Red (62%)

Yellow (58%)

Blue (58%)

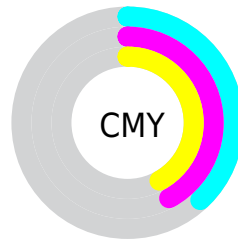


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7632, 30.2055, 32.6953 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 29.7632, 30.2055, 32.6953 by changing the saturation by 10% instead.

■ 29.7632, 30.2055,
32.6953

■ 29.7632, 30.2055,
32.6953

292.7288,
302.8612, 328.8643

■ 19.8061, 19.9946,
21.6239

■ 58.6767, 59.9870,
65.0100

■ 12.3616, 12.3911,
13.3852

■ 78.3638, 80.3264,
87.0905

■ 7.0644, 7.0106,
7.5605

102.0249,
104.8108, 113.6777

■ 3.5491, 3.4688,
3.7313

130.0255,
133.8246, 145.1902

■ 1.4504, 1.3811,
1.4791

162.7308,
167.7521, 182.0466

■ 0.2917, 0.2027,
0.2023

200.5062,

■ 0.0000, 0.0000,

206.9778, 224.6654

0.0000

243.7171,
251.8860, 273.4651

■ 29.7632, 30.2055,
32.6953

■ 29.7632, 30.2055,
32.6953

■ 26.5371, 25.2726,
26.9352

■ 33.4325, 35.8508,
39.1377

■ 23.7347, 21.0198,
21.8331

■ 37.5583, 42.2311,
46.2820

■ 21.3391, 17.4186,
17.3659


■ 42.1565, 49.3729,
54.1492

■ 19.3310, 14.4365,
13.5085

■ 47.2417, 57.3003,
62.7590


■ 17.6896, 12.0384,
10.2339

■ 52.8276, 66.0362,
72.1302


 16.3922, 10.1858,
7.5135


 58.9274, 75.6026,
82.2810


 15.4134, 8.8353,
5.3156

 64.9432, 84.7996,
93.0255

 14.7242, 7.9369,
3.6056

 66.8436, 85.5597,
103.0327

 14.2841, 7.4189,
2.3424

 67.7148, 85.9082,
107.6207

Harmonies

Analogous

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



29.6551, 30.2055, 34.2296



29.7632, 30.2055, 32.6953



29.5860, 30.2055, 31.2577

Triad

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



29.7632, 30.2055, 32.6953



28.1342, 30.2055, 30.4653



28.2499, 30.2055, 35.6412

Complementary

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



29.7632, 30.2055, 32.6953



30.0072, 32.6844, 35.7393

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.



27.8503, 30.2055, 34.5753



29.7632, 30.2055, 32.6953



27.7841, 30.2055, 31.5832

Square

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



29.7632, 30.2055, 32.6953



28.6418, 30.2055, 29.9961



27.6808, 30.2055, 33.0828



28.7771, 30.2055, 35.9614

Rectangle

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



29.7632, 30.2055, 32.6953



29.3313, 30.2055, 30.5383



27.6808, 30.2055, 33.0828



28.0964, 30.2055, 35.3566

Sweetspot

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



29.7641, 30.2068, 32.6960



56.0491, 58.3135, 63.3966



30.0381, 30.2717, 36.1586



12.3509, 12.8587, 13.9811



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.



29.7641, 30.2068, 32.6960



52.2142, 52.4262, 56.6230



30.0784, 31.0886, 32.0208



6.6846, 6.6667, 7.1900



11.5091, 5.9082, 1.6657



0.2187, 0.1108, 0.0976

Inverse Universe

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



29.7641, 30.2068, 32.6960



52.2142, 52.4262, 56.6230



29.6751, 31.7496, 36.4630



6.6846, 6.6667, 7.1900



11.5091, 5.9082, 1.6657



0.2187, 0.1108, 0.0976

Previews

White Background



This preview shows how the XYZ color 29.7632, 30.2055, 32.6953 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 29.7632, 30.2055, 32.6953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

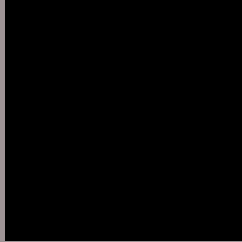
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.7632, 30.2055, 32.6953

Background



This preview shows how black text looks on a background with the XYZ color 29.7632, 30.2055, 32.6953.



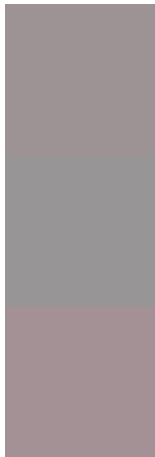
This preview shows how white text looks on a background with the XYZ color 29.7632, 30.2055,

32.6953.

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

29.7632, 30.2055, 32.6953

Protanopia

29.2014, 30.3723, 33.1775

Deuteranopia

30.8601, 30.3132, 32.6583



Tritanopia

30.4652, 30.2612, 36.1336

Trichromacy



Original Color

29.7632, 30.2055, 32.6953

Protanomaly

29.4214, 30.2518, 33.1427

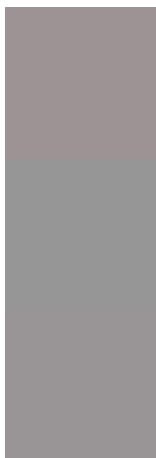
Deuteranomaly

30.4016, 30.3048, 32.6808

Tritanomaly

30.2122, 30.1600, 34.8010

Monochromacy



Original Color

29.7632, 30.2055, 32.6953

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.3893, 30.4692, 33.1863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7632, 30.2055, 32.6953 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(157, 147, 149)` looks like.

```
.text, #text, p{  
    color:rgb(157, 147, 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(157, 147, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 147, 149) }
```

Border

The CSS property to change the border of an element to XYZ 29.7632, 30.2055, 32.6953 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(157, 147, 149) }
```


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

```
.border{ border-color:rgb(157, 147, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 147, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 147, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 147, 149);  
box-shadow:4px 4px 4px 4px rgb(157, 147,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7632, 30.2055, 32.6953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 147, 149) }
```

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

```
.background{ background-color: rgb(157,  
147, 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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