

Converting Colors

XYZ(29.6391, 32.2361, 43.2096)

Have a look what the booklet for
XYZ(29.6391, 32.2361, 43.2096)
contains.

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Color

**XYZ(29.7242, 32.3726,
43.2100)**

Conversions

Conversions Part 1

Format	Color
Hex	899DAB
RGB	137, 157, 171
RGB Percent	54%, 62%, 67%
CMY	0.4627, 0.3843, 0.3294
CMYK	0.20, 0.08, 0.00, 0.33
HSL	205°, 17%, 60%
HSV	205°, 20%, 67%
XYZ	29.7242, 32.3726, 43.2100
YIQ	152.6160, -16.4140, 0.1140

Conversions

Conversions Part 2

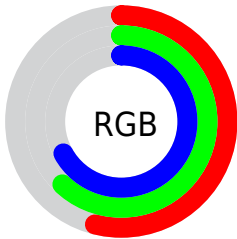
Format	Color
RYB	137, 150, 171
Decimal	9018795
CIELab	63.65, -3.93, -9.65
CIELCh	64, 10.417, 247.826
Yxy	32.3726, 0.2823, 0.3074
Android (android.graphics.Color)	4287208875 (0xFF899DAB)
YUV	152.6160, 9.0633, -13.6952
Hunter-Lab	56.8969, -6.3173, -5.1996

Details

The XYZ color **29.7242, 32.3726, 43.2100** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3769, 32.5973, 28.2531**, and the grayscale version is **30.0793, 31.6458, 34.4622**.

A 20% lighter version of the original color is **58.7568, 63.6543, 81.1412**, and **12.4143, 13.6662, 19.4363** is the 20% darker color. If you saturate the color by 10%, you get **25.9834, 28.7273, 42.7041**, and if you desaturate by 10%, it is **33.9799, 36.3869, 43.7611**.

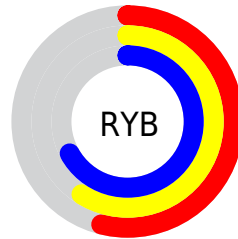
Distribution



Red (54%)

Green (62%)

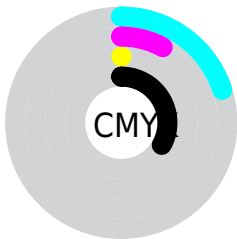
Blue (67%)



Red (54%)

Yellow (59%)

Blue (67%)

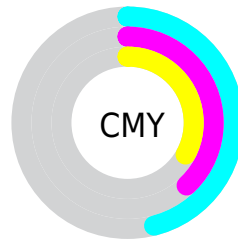


Cyan (20%)

Magenta (8%)

Yellow (0%)

Black (33%)



Cyan (46%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7242, 32.3726, 43.2100 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 29.7242, 32.3726, 43.2100 by changing the saturation by 10% instead.

■ 29.7242, 32.3726,
43.2100

■ 29.7242, 32.3726,
43.2100

292.5497,
312.8131, 375.4212

■ 19.7764, 21.6463,
29.7173

■ 58.6154, 63.3948,
81.3174

■ 12.3399, 13.5972,
19.3739

■ 78.2894, 84.4593,
106.7692

■ 7.0495, 7.8411,
11.7612

■ 101.9363,
109.7388, 137.0445

■ 3.5397, 3.9934,
6.4607

129.9212,
139.6176, 172.5617

■ 1.4452, 1.6699,
3.0539

162.6097,
174.4800, 213.7394

■ 0.2881, 0.4040,
1.1222

200.3671,

■ 0.0000, 0.0000,

214.7104, 260.9962

0.0000

243.5586,
260.6933, 314.7507

■ 29.7242, 32.3726,
43.2100

■ 29.7242, 32.3726,
43.2100

■ 25.9834, 28.7273,
42.7041

■ 33.9799, 36.3869,
43.7611

■ 22.7325, 25.4339,
42.2397

■ 38.7682, 40.7785,
44.3564

■ 19.9488, 22.4799,
41.8163

■ 44.1095, 45.5603,
44.9978

■ 17.6064, 19.8500,
41.4321

■ 50.0221, 50.7435,
45.6866

■ 15.6767, 17.5278,
41.0856

■ 56.5237, 56.3385,
46.4239

■ 14.1274, 15.4945,
40.7748

■ 63.6310, 62.3557,
47.2108

■ 12.9206, 13.7288,
40.4976

■ 70.7308, 68.4803,
48.0187

■ 11.9761, 12.1872,
40.2498

■ 72.4669, 71.9526,
48.5974

■ 11.9656, 12.1699,
40.2470

■ 74.2800, 75.5788,
49.2018

Harmonies

Analogous

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



28.6096, 32.3726, 40.3996



29.7242, 32.3726, 43.2100



31.1521, 32.3726, 43.8066

Triad

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



29.7242, 32.3726, 43.2100



33.6280, 32.3726, 34.1673



29.0834, 32.3726, 29.2847

Complementary

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



29.7242, 32.3726, 43.2100



32.3769, 32.5973, 28.2531

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.



30.3894, 32.3726, 27.8841



29.7242, 32.3726, 43.2100



33.0348, 32.3726, 30.5545

Square

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



29.7242, 32.3726, 43.2100



33.4363, 32.3726, 38.3630



31.8384, 32.3726, 28.3300



28.2478, 32.3726, 32.3068

Rectangle

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



29.7242, 32.3726, 43.2100



32.0951, 32.3726, 42.8283



31.8384, 32.3726, 28.3300



29.4803, 32.3726, 28.6199

Sweetspot

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



29.7252, 32.3739, 43.2107



63.9797, 68.0555, 78.7658



30.4336, 36.6662, 34.5821



14.1500, 15.0682, 17.5504



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.7252, 32.3739, 43.2107



50.0803, 54.9331, 76.9655



27.1045, 27.1327, 42.3372



7.9557, 8.5107, 10.1761



9.0730, 9.2798, 30.3575



0.3046, 0.3625, 0.8619

Inverse Universe

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



31.8268, 28.9843, 35.8169



54.6101, 47.9023, 60.9679



35.2394, 38.3225, 29.2073



8.1954, 8.0914, 9.3399



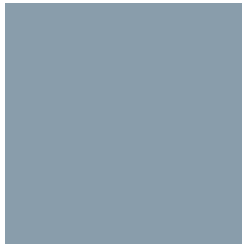
14.4433, 7.2398, 9.9796



0.4281, 0.2119, 0.4163

Previews

White Background



This preview shows how the XYZ color 29.7242, 32.3726, 43.2100 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 29.7242, 32.3726, 43.2100 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

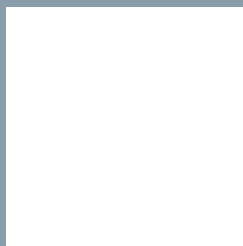
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.7242, 32.3726, 43.2100

Background



This preview shows how black text looks on a background with the XYZ color 29.7242, 32.3726, 43.2100.



This preview shows how white text looks on a background with the XYZ color 29.7242, 32.3726,

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

29.7242, 32.3726, 43.2100

Protanopia

31.4080, 32.2850, 41.6220

Deuteranopia

32.8499, 32.2648, 43.5261



Tritanopia

29.6292, 32.3346, 42.7098

Trichromacy



Original Color

29.7242, 32.3726, 43.2100

Protanomaly

30.7497, 32.1788, 42.1266

Deuteranomaly

31.7865, 32.4364, 43.6153

Tritanomaly

29.6292, 32.3346, 42.7098

Monochromacy



Original Color

29.7242, 32.3726, 43.2100

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.9334, 31.8523, 37.8282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7242, 32.3726, 43.2100 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(137, 157, 171)` looks like.

```
.text, #text, p{  
    color:rgb(137, 157, 171)  
}
```

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(137, 157, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 157, 171) }
```

Border

The CSS property to change the border of an element to XYZ 29.7242, 32.3726, 43.2100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

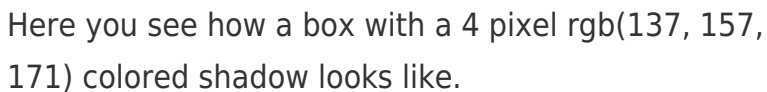
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 157, 171) }
```


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

```
.border{ border-color:rgb(137, 157, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 157, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 157, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 157, 171); box-shadow:4px 4px 4px 4px rgb(137, 157, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7242, 32.3726, 43.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 157, 171) }
```

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

```
.background{ background-color: rgb(137,  
157, 171) }
```

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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