

Converting Colors

XYZ(29.2185, 32.5623, 22.8343)

Have a look what the booklet for
XYZ(29.2185, 32.5623, 22.8343)
contains.

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Color

**XYZ(29.2185, 32.5623,
22.8343)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9D79
RGB	156, 157, 121
RGB Percent	61%, 62%, 47%
CMY	0.3882, 0.3843, 0.5255
CMYK	0.01, 0.00, 0.23, 0.38
HSL	62°, 16%, 55%
HSV	62°, 23%, 62%
XYZ	29.2185, 32.5623, 22.8343
YIQ	152.5970, 10.9600, -11.4080

Conversions

Conversions Part 2

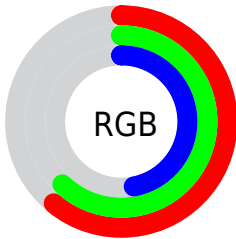
Format	Color
RYB	121, 157, 122
Decimal	10263929
CIELab	63.80, -6.54, 18.77
CIELCh	64, 19.876, 109.200
Yxy	32.5623, 0.3453, 0.3848
Android (android.graphics.Color)	4288454009 (0xFF9C9D79)
YUV	152.5970, -15.5773, 2.9844
Hunter-Lab	57.0634, -8.4625, 16.2191

Details

The XYZ color **29.2185, 32.5623, 22.8343** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.9503, 20.2474, 34.7040**, and the grayscale version is **30.1660, 31.7370, 34.5616**.

A 20% lighter version of the original color is **57.7982, 63.4934, 49.2536**, and **12.0327, 13.7190, 8.1447** is the 20% darker color. If you saturate the color by 10%, you get **28.2489, 32.1658, 18.1656**, and if you desaturate by 10%, it is **30.3469, 33.0246, 28.3298**.

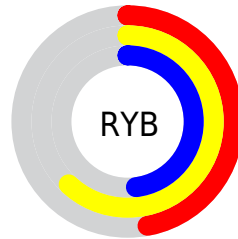
Distribution



Red (61%)

Green (62%)

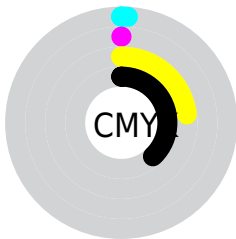
Blue (47%)



Red (47%)

Yellow (62%)

Blue (48%)

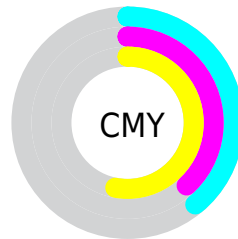


Cyan (1%)

Magenta (0%)

Yellow (23%)

Black (38%)



Cyan (39%)

Magenta (38%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2185, 32.5623, 22.8343 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 29.2185, 32.5623, 22.8343 by changing the saturation by 10% instead.

■ 29.2185, 32.5623,
22.8343

■ 29.2185, 32.5623,
22.8343

290.2201,
313.6728, 279.9671

■ 19.3913, 21.7914,
14.2671

■ 57.8192, 63.6916,
49.0408

■ 12.0590, 13.7037,
8.1658

■ 77.3234, 84.8187,
67.5172

■ 6.8564, 7.9149,
4.1119

■ 100.7840,
110.1666, 90.1337

■ 3.4180, 4.0405,
1.6869

128.5664,
140.1198, 117.3089

■ 1.3785, 1.6963,
0.3518

161.0358,
175.0626, 149.4613

■ 0.2408, 0.4212,
0.0000

198.5577,

■ 0.0000, 0.0000,

215.3795, 187.0094

0.0000

241.4973,
261.4547, 230.3718

■ 29.2185, 32.5623,
22.8343

■ 29.2185, 32.5623,
22.8343

■ 28.2489, 32.1658,
18.1656

■ 30.3469, 33.0246,
28.3298

■ 27.4279, 31.8277,
14.2817

■ 31.6385, 33.5510,
34.6872

■ 26.7481, 31.5461,
11.1402

■ 33.1008, 34.1458,
41.9421

■ 26.2007, 31.3175,
8.6936

■ 34.7402, 34.8115,
50.1274

■ 25.7755, 31.1378,
6.8893

■ 36.5625, 35.5504,
59.2745

■ 25.4611, 31.0024,
5.6669

■ 38.5734, 36.3647,
69.4133

■ 25.2439, 30.9060,
4.9546

■ 40.7784, 37.2567,
80.5723

■ 25.1247, 30.8516,
4.6307

■ 43.1826, 38.2284,
92.7788

■ 44.5924, 38.8024,
99.7471

Harmonies

Analogous

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



31.9657, 32.5623, 22.4027



29.2185, 32.5623, 22.8343



27.0634, 32.5623, 26.3331

Triad

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



29.2185, 32.5623, 22.8343



27.5747, 32.5623, 48.4038



36.5241, 32.5623, 38.4125

Complementary

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



29.2185, 32.5623, 22.8343



20.9503, 20.2474, 34.7040

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.



35.1909, 32.5623, 46.4718



29.2185, 32.5623, 22.8343



29.9550, 32.5623, 52.7899

Square

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



29.2185, 32.5623, 22.8343



26.1545, 32.5623, 40.7515



32.7475, 32.5623, 52.0341



36.2974, 32.5623, 30.6382

Rectangle

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



29.2185, 32.5623, 22.8343



26.2003, 32.5623, 30.2738



32.7475, 32.5623, 52.0341



36.2404, 32.5623, 41.1956

Sweetspot

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



29.2193, 32.5637, 22.8350



55.6495, 59.6724, 57.1398



24.2673, 22.3704, 21.1285



12.2183, 13.1195, 12.4404



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.



29.2193, 32.5637, 22.8350



51.3177, 57.9022, 36.0259



26.0569, 30.9334, 22.6870



7.1519, 7.7110, 7.0971



20.4101, 25.0585, 3.7611



0.3700, 0.4507, 0.0675

Inverse Universe

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



20.9503, 20.2474, 34.7040



33.6123, 31.5297, 61.4410



23.6720, 21.6505, 34.8313



6.3010, 6.4436, 8.3183



4.9926, 2.0028, 26.0307



0.0937, 0.0381, 0.4656

Previews

White Background



This preview shows how the XYZ color 29.2185, 32.5623, 22.8343 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 29.2185, 32.5623, 22.8343 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

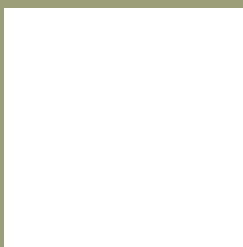
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2185, 32.5623, 22.8343

Background



This preview shows how black text looks on a background with the XYZ color 29.2185, 32.5623, 22.8343.



This preview shows how white text looks on a background with the XYZ color 29.2185, 32.5623,

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

29.2185, 32.5623, 22.8343

Protanopia

30.4628, 32.4666, 22.4304

Deuteranopia

32.9874, 32.3132, 23.2373



Tritanopia

32.5778, 32.4589, 39.1985

Trichromacy



Original Color

29.2185, 32.5623, 22.8343

Protanomaly

30.0118, 32.4801, 22.4568

Deuteranomaly

31.3740, 32.1963, 22.9733

Tritanomaly

31.2337, 32.3942, 32.6235

Monochromacy



Original Color

29.2185, 32.5623, 22.8343

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.6897, 31.9043, 29.7926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2185, 32.5623, 22.8343 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(156, 157, 121)` looks like.

```
.text, #text, p{  
    color:rgb(156, 157, 121)  
}
```

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(156, 157, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 157, 121) }
```

Border

The CSS property to change the border of an element to XYZ 29.2185, 32.5623, 22.8343 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(156, 157, 121) }
```


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

```
.border{ border-color:rgb(156, 157, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 157, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 157, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 157, 121);  
box-shadow:4px 4px 4px 4px rgb(156, 157,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2185, 32.5623, 22.8343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 157, 121) }
```

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

```
.background{ background-color: rgb(156,  
157, 121) }
```

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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