

Converting Colors

XYZ(29.7190, 29.9251, 32.6570)

Have a look what the booklet for
XYZ(29.7190, 29.9251, 32.6570)
contains.

XYZ(29.8043, 29.9968, 32.6529)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.8043, 29.9968,
32.6529)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9295
RGB	158, 146, 149
RGB Percent	62%, 57%, 58%
CMY	0.3804, 0.4274, 0.4157
CMYK	0.00, 0.08, 0.06, 0.38
HSL	345°, 6%, 60%
HSV	345°, 8%, 62%
XYZ	29.8043, 29.9968, 32.6529
YIQ	149.9300, 6.1890, 3.4770

Conversions

Conversions Part 2

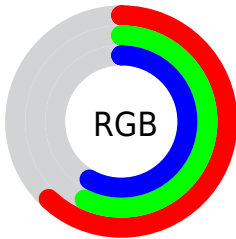
Format	Color
R _Y B	158, 146, 149
Decimal	10392213
CIE Lab	61.65, 4.99, 0.01
CIE LCh	62, 4.986, 0.134
Yxy	29.9968, 0.3224, 0.3245
Android (android.graphics.Color)	4288582293 (0xFF9E9295)
YUV	149.9300, -0.4585, 7.0774
Hunter-Lab	54.7693, 1.2895, 2.9905

Details

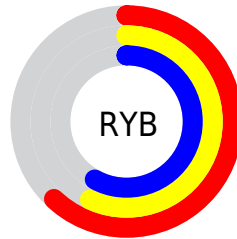
The XYZ color **29.8043, 29.9968, 32.6529** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.9985, 32.9321, 35.7875**, and the grayscale version is **28.9605, 30.4687, 33.1804**.

A 20% lighter version of the original color is **58.8743, 59.7665, 64.9330**, and **12.4509, 12.3734, 13.2873** is the 20% darker color. If you saturate the color by 10%, you get **26.6365, 25.0991, 27.1635**, and if you desaturate by 10%, it is **33.4067, 35.6089, 38.7632**.

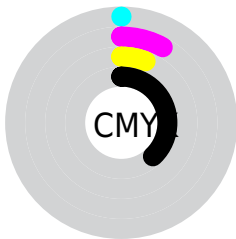
Distribution



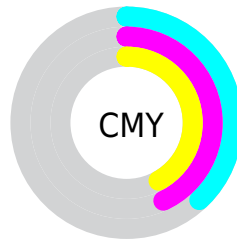
- Red (62%)
- Green (57%)
- Blue (58%)



- Red (62%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (38%)



- Cyan (38%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8043, 29.9968, 32.6529 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 29.8043, 29.9968, 32.6529 by changing the saturation by 10% instead.

■ 29.8043, 29.9968,
32.6529

■ 29.8043, 29.9968,
32.6529

292.9174,
301.8895, 328.6667

■ 19.8374, 19.8362,
21.5917

■ 58.7413, 59.6571,
64.9430

■ 12.3845, 12.2760,
13.3618

■ 78.4422, 79.9256,
87.0090

■ 7.0802, 6.9319,
7.5445

102.1184,
104.3321, 113.5804

■ 3.5591, 3.4196,
3.7213

130.1353,
133.2611, 145.0757

■ 1.4558, 1.3545,
1.4737

162.8583,
167.0969, 181.9134

■ 0.2955, 0.1828,
0.1983

200.6528,

■ 0.0000, 0.0000,

206.2240, 224.5121

0.0000

243.8840,
251.0268, 273.2904

■ 29.8043, 29.9968,
32.6529

■ 29.8043, 29.9968,
32.6529

■ 26.6365, 25.0991,
27.1635

■ 33.4067, 35.6089,
38.7632

■ 23.8843, 20.8833,
22.2732

■ 37.4569, 41.9584,
45.5111

■ 21.5308, 17.3202,
17.9622

■ 41.9707, 49.0723,
52.9152

■ 19.5570, 14.3769,
14.2083

■ 46.9622, 56.9747,
60.9928

■ 17.9424, 12.0176,
10.9883

■ 52.4449, 65.6891,
69.7606

■ 16.6645, 10.2031,
8.2771

■ 58.4321, 75.2376,
79.2344

■ 15.6980, 8.8889,
6.0475

■ 64.4220, 84.6137,
89.2585

■ 15.0141, 8.0237,
4.2695

■ 66.1630, 85.3101,
98.4264

■ 14.5658, 7.5213,
2.9053

■ 67.9108, 86.0092,
107.6299

Harmonies

Analogous

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



29.6303, 29.9968, 34.5125



29.8043, 29.9968, 32.6529



29.6273, 29.9968, 30.8635

Triad

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



29.8043, 29.9968, 32.6529



27.8762, 29.9968, 29.6060



27.8812, 29.9968, 35.9292

Complementary

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



29.8043, 29.9968, 32.6529



29.9985, 32.9321, 35.7875

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.



27.4232, 29.9968, 34.5278



29.8043, 29.9968, 32.6529



27.4203, 29.9968, 30.8777

Square

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



29.8043, 29.9968, 32.6529



28.5081, 29.9968, 29.1465



27.2558, 29.9968, 32.6699



28.5140, 29.9968, 36.4481

Rectangle

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



29.8043, 29.9968, 32.6529



29.3356, 29.9968, 29.9399



27.2558, 29.9968, 32.6699



27.7021, 29.9968, 35.5431

Sweetspot

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



29.8051, 29.9981, 32.6535



57.6589, 59.9720, 65.3189



29.9690, 29.9963, 36.5586



13.0168, 13.5482, 14.7561



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.



29.8051, 29.9981, 32.6535



53.1629, 52.9829, 57.6459



30.0373, 30.8405, 31.5653



6.6977, 6.6720, 7.2590



11.6066, 5.9472, 2.1794



0.2229, 0.1125, 0.1197

Inverse Universe

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



29.8051, 29.9981, 32.6535



53.1629, 52.9829, 57.6459



29.7480, 32.0233, 36.9615



6.6977, 6.6720, 7.2590



11.6066, 5.9472, 2.1794



0.2229, 0.1125, 0.1197

Previews

White Background



This preview shows how the XYZ color 29.8043, 29.9968, 32.6529 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8043, 29.9968, 32.6529 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

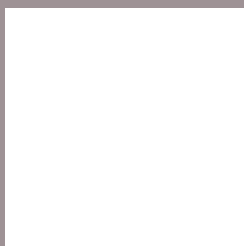
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.8043, 29.9968, 32.6529

Background



This preview shows how black text looks on a background with the XYZ color 29.8043, 29.9968, 32.6529.



This preview shows how white text looks on a background with the XYZ color 29.8043, 29.9968,

32.6529.

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

29.8043, 29.9968, 32.6529

Protanopia

28.8574, 29.9611, 33.1163

Deuteranopia

30.5023, 29.9030, 32.5980



Tritanopia

30.4242, 30.0220, 35.6438

Trichromacy



Original Color

29.8043, 29.9968, 32.6529

Protanomaly

29.2652, 29.9395, 33.0906

Deuteranomaly

30.2482, 29.9978, 32.6297

Tritanomaly

30.1732, 29.9216, 34.3221

Monochromacy



Original Color

29.8043, 29.9968, 32.6529

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 29.8043, 29.9968, 32.6529 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(158, 146, 149) looks like.

```
.text, #text, p{  
    color:rgb(158, 146, 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(158, 146, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 146, 149) }
```

Border

The CSS property to change the border of an element to XYZ 29.8043, 29.9968, 32.6529 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(158, 146, 149) }
```


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

```
.border{ border-color:rgb(158, 146, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 146, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 146, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 146, 149);  
box-shadow:4px 4px 4px 4px rgb(158, 146,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8043, 29.9968, 32.6529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 146, 149) }
```

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

```
.background{ background-color: rgb(158,  
146, 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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