

Converting Colors

XYZ(29.2401, 28.9684, 43.6825)

Have a look what the booklet for
XYZ(29.2401, 28.9684, 43.6825)
contains.

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Color

**XYZ(29.1931, 28.9834,
43.5909)**

Conversions

Conversions Part 1

Format	Color
Hex	9190AD
RGB	145, 144, 173
RGB Percent	57%, 56%, 68%
CMY	0.4314, 0.4353, 0.3216
CMYK	0.16, 0.17, 0.00, 0.32
HSL	242°, 15%, 62%
HSV	242°, 17%, 68%
XYZ	29.1931, 28.9834, 43.5909
YIQ	147.6050, -8.7130, 9.2310

Conversions

Conversions Part 2

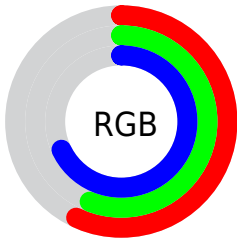
Format	Color
RYB	145, 144, 173
Decimal	9539757
CIELab	60.77, 6.46, -15.05
CIElCh	61, 16.375, 293.236
Yxy	28.9834, 0.2869, 0.2848
Android (android.graphics.Color)	4287729837 (0xFF9190AD)
YUV	147.6050, 12.5197, -2.2846
Hunter-Lab	53.8362, 2.5796, -10.3214

Details

The XYZ color **29.1931, 28.9834, 43.5909** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.9920, 40.6722, 32.2878**, and the grayscale version is **27.9368, 29.3917, 32.0076**.

A 20% lighter version of the original color is **57.7509, 58.1317, 81.5755**, and **12.0700, 11.7656, 19.7240** is the 20% darker color. If you saturate the color by 10%, you get **24.0408, 22.7316, 42.6562**, and if you desaturate by 10%, it is **35.1816, 36.2638, 44.6810**.

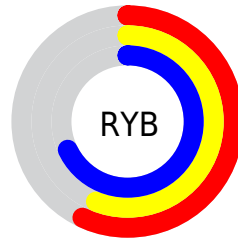
Distribution



Red (57%)

Green (56%)

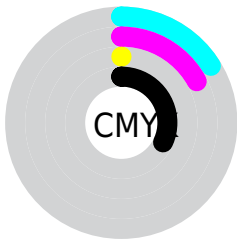
Blue (68%)



Red (57%)

Yellow (56%)

Blue (68%)

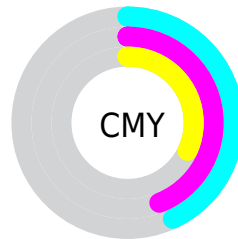


Cyan (16%)

Magenta (17%)

Yellow (0%)

Black (32%)



Cyan (43%)

Magenta (44%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1931, 28.9834, 43.5909 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 29.1931, 28.9834, 43.5909 by changing the saturation by 10% instead.

■ 29.1931, 28.9834,
43.5909

■ 29.1931, 28.9834,
43.5909

290.1028,
297.1366, 377.0286

■ 19.3720, 19.0683,
30.0142

■ 57.7792, 58.0507,
81.8977

■ 12.0450, 11.7196,
19.5972

■ 77.2748, 77.9717,
107.4649

■ 6.8467, 6.5531,
11.9214

100.7260,
101.9967, 137.8659

■ 3.4119, 3.1842,
6.5683

128.4981,
130.5102, 173.5194

■ 1.3751, 1.2286,
3.1193

160.9565,
163.8965, 214.8439

■ 0.2384, 0.0849,
1.1559

198.4665,

■ 0.0000, 0.0000,

202.5401, 262.2579

0.0000

241.3935,
246.8254, 316.1799

■ 29.1931, 28.9834,
43.5909

■ 29.1931, 28.9834,
43.5909

■ 24.0408, 22.7316,
42.6562

■ 35.1816, 36.2638,
44.6810

■ 19.6850, 17.4587,
41.8680

■ 42.0382, 44.6124,
45.9310

■ 16.0866, 13.1162,
41.2195

■ 49.7967, 54.0711,
47.3479

■ 13.2025, 9.6501,
40.7025

■ 58.4881, 64.6786,
48.9372

■ 10.9850, 7.0007,
40.3080

■ 68.1419, 76.4717,
50.7047

■ 9.3808, 5.1012,
40.0259

■ 78.7865, 89.4854,
52.6556

■ 8.3281, 3.8739,
39.8445

■ 84.5429, 95.7972,
53.5705

■ 7.7466, 3.2124,
39.7474

■ 7.6174, 3.0556,
39.7240

Harmonies

Analogous

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



27.0690, 28.9834, 44.6771



29.1931, 28.9834, 43.5909



30.9559, 28.9834, 39.1004

Triad

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



29.1931, 28.9834, 43.5909



30.0689, 28.9834, 23.0739



23.6828, 28.9834, 30.1985

Complementary

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



29.1931, 28.9834, 43.5909



36.9920, 40.6722, 32.2878

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.



24.3996, 28.9834, 25.0538



29.1931, 28.9834, 43.5909



28.0324, 28.9834, 21.2970

Square

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



29.1931, 28.9834, 43.5909



31.4795, 28.9834, 27.1588



25.9656, 28.9834, 21.9723



23.9580, 28.9834, 36.4083

Rectangle

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



29.1931, 28.9834, 43.5909



31.6524, 28.9834, 35.0583



25.9656, 28.9834, 21.9723



23.8144, 28.9834, 28.2988

Sweetspot

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



29.1940, 28.9846, 43.5915



64.9535, 67.3136, 80.3752



33.8042, 38.4649, 45.1785



13.9434, 14.4189, 17.4359



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.



29.1940, 28.9846, 43.5915



48.8046, 47.6841, 77.4375



31.9079, 30.3837, 43.7186



7.6034, 7.7699, 10.0517



5.6061, 2.2499, 29.1833



0.1640, 0.0668, 0.8122

Inverse Universe

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



34.6543, 31.8106, 43.3448



60.3889, 53.6802, 76.8884



33.9874, 39.1233, 32.1472



8.3250, 8.1432, 10.0222



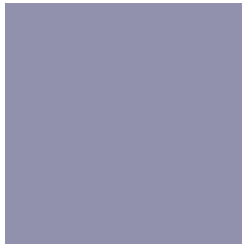
17.7925, 8.5796, 27.6166



0.4986, 0.2401, 0.7873

Previews

White Background



This preview shows how the XYZ color 29.1931, 28.9834, 43.5909 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 29.1931, 28.9834, 43.5909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

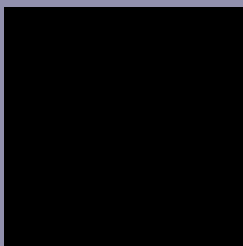
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

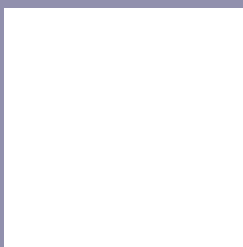
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1931, 28.9834, 43.5909

Background



This preview shows how black text looks on a background with the XYZ color 29.1931, 28.9834, 43.5909.



This preview shows how white text looks on a background with the XYZ color 29.1931, 28.9834,

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

29.1931, 28.9834, 43.5909

Protanopia

28.7499, 28.9695, 44.1208

Deuteranopia

29.5780, 28.9580, 43.5657



Tritanopia

27.7606, 29.0868, 36.4989

Trichromacy



Original Color

29.1931, 28.9834, 43.5909

Protanomaly

28.9207, 29.0576, 44.1288

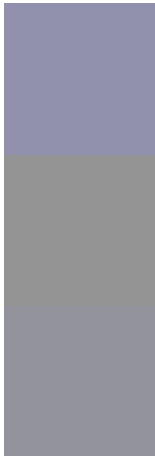
Deuteranomaly

29.3979, 28.8651, 43.5572

Tritanomaly

28.2174, 29.0418, 38.7687

Monochromacy



Original Color

29.1931, 28.9834, 43.5909

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.5521, 29.5048, 36.0884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1931, 28.9834, 43.5909 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(145, 144, 173)` looks like.

```
.text, #text, p{  
    color:rgb(145, 144, 173)  
}
```

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(145, 144, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 144, 173) }
```

Border

The CSS property to change the border of an element to XYZ 29.1931, 28.9834, 43.5909 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(145, 144, 173) }
```


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

```
.border{ border-color:rgb(145, 144, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 144, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 144, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 144, 173);  
box-shadow:4px 4px 4px 4px rgb(145, 144,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1931, 28.9834, 43.5909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 144, 173) }
```

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

```
.background{ background-color: rgb(145,  
144, 173) }
```

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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