

Converting Colors

XYZ(28.1522, 29.1814, 30.9369)

Have a look what the booklet for
XYZ(28.1522, 29.1814, 30.9369)
contains.

XYZ(28.1522, 29.1814, 30.9369)	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(28.1522, 29.1814,
30.9369)**

Conversions

Conversions Part 1

Format	Color
Hex	979291
RGB	151, 146, 145
RGB Percent	59%, 57%, 57%
CMY	0.4078, 0.4274, 0.4314
CMYK	0.00, 0.03, 0.04, 0.41
HSL	10°, 3%, 58%
HSV	10°, 4%, 59%
XYZ	28.1522, 29.1814, 30.9369
YIQ	147.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

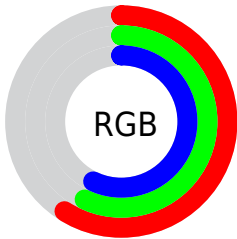
Format	Color
R _Y B	151, 146, 145
Decimal	9933457
CIE Lab	60.94, 1.65, 1.17
CIE LCh	61, 2.026, 35.443
Yxy	29.1814, 0.3189, 0.3306
Android (android.graphics.Color)	4288123537 (0xFF979291)
YUV	147.3810, -1.1738, 3.1739
Hunter-Lab	54.0198, -1.5101, 3.8588

Details

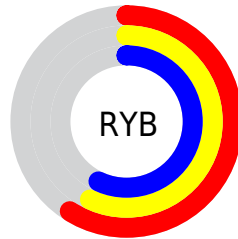
The XYZ color **28.1522, 29.1814, 30.9369** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.1693, 30.0664, 33.5972**, and the grayscale version is **27.8953, 29.3481, 31.9600**.

A 20% lighter version of the original color is **56.1399, 58.4112, 62.3484**, and **11.5040, 11.9013, 12.5173** is the 20% darker color. If you saturate the color by 10%, you get **25.2314, 25.0806, 24.5955**, and if you desaturate by 10%, it is **31.4428, 33.7732, 38.1658**.

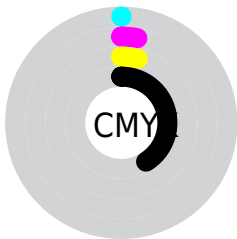
Distribution



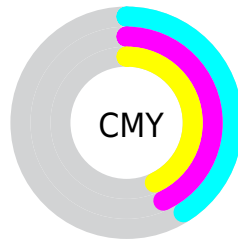
- Red (59%)
- Green (57%)
- Blue (57%)



- Red (59%)
- Yellow (57%)
- Blue (57%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (41%)



- Cyan (41%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1522, 29.1814, 30.9369 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 28.1522, 29.1814, 30.9369 by changing the saturation by 10% instead.

■ 28.1522, 29.1814,
30.9369

■ 28.1522, 29.1814,
30.9369

285.2604,
298.0699, 320.5897

■ 18.5815, 19.2181,
20.2927

■ 56.1343, 58.3652,
62.2191

■ 11.4705, 11.8280,
12.4218

■ 75.2764, 78.3544,
83.6943

■ 6.4538, 6.6266,
6.9056

98.3396, 102.4544,
109.6168

■ 3.1662, 3.2297,
3.3256

125.6893,
131.0496, 140.4053

■ 1.2423, 1.2528,
1.2632

157.6909,
164.5244, 176.4783

■ 0.1393, 0.1042,
0.0313

194.7097,

■ 0.0000, 0.0000,

203.2631, 218.2544

0.0000

237.1111,
247.6501, 266.1520

■ 28.1522, 29.1814,
30.9369

■ 28.1522, 29.1814,
30.9369

■ 25.2314, 25.0806,
24.5955

■ 31.4428, 33.7732,
38.1658

■ 22.6649, 21.4509,
19.1056

■ 35.1130, 38.8678,
46.3128

■ 20.4399, 18.2766,
14.4313

■ 39.1752, 44.4809,
55.4090

■ 18.5417, 15.5394,
10.5336

■ 43.6408, 50.6269,
65.4839

■ 16.9548, 13.2201,
7.3702

■ 48.5204, 57.3192,
76.5654

■ 15.6622, 11.2980,
4.8948

■ 53.8244, 64.5710,
88.6804

■ 14.6452, 9.7505,
3.0558

■ 59.5629, 72.3949,
101.8548

■ 13.8829, 8.5528,
1.7943

■ 63.9568, 80.0877,
106.6953

■ 13.3512, 7.6766,
1.0394

■ 66.5726, 85.3194,
107.5673

Harmonies

Analogous

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



28.2451, 29.1814, 31.6357



28.1522, 29.1814, 30.9369



27.9478, 29.1814, 30.4679

Triad

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



28.1522, 29.1814, 30.9369



27.2763, 29.1814, 31.1724



27.7843, 29.1814, 33.2448

Complementary

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



28.1522, 29.1814, 30.9369



28.1693, 30.0664, 33.5972

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.



27.5253, 29.1814, 33.1161



28.1522, 29.1814, 30.9369



27.2331, 29.1814, 31.9119

Square

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



28.1522, 29.1814, 30.9369



27.4423, 29.1814, 30.6024



27.3240, 29.1814, 32.6252



28.0318, 29.1814, 32.9743

Rectangle

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



28.1522, 29.1814, 30.9369



27.7764, 29.1814, 30.3445



27.3240, 29.1814, 32.6252



27.6957, 29.1814, 33.2469

Sweetspot

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



28.1530, 29.1827, 30.9375



52.0884, 54.5976, 59.0599



28.3933, 29.0326, 32.9619



11.8472, 12.4207, 13.4414



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



28.1530, 29.1827, 30.9375



49.7960, 51.3910, 54.0467



28.6212, 30.1189, 31.0936



6.5485, 6.7465, 7.0726



11.1725, 6.2274, 0.6132



0.1854, 0.1299, 0.0153

Inverse Universe

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



28.1693, 30.0664, 33.5972



49.8331, 53.4076, 60.1159



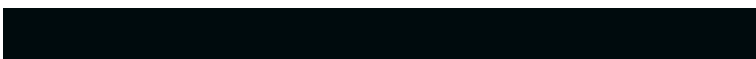
27.6971, 29.1220, 33.4398



6.5538, 7.0352, 7.9415



11.0917, 14.5801, 27.1373



0.1864, 0.2591, 0.4126

Previews

White Background



This preview shows how the XYZ color 28.1522, 29.1814, 30.9369 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 28.1522, 29.1814, 30.9369 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

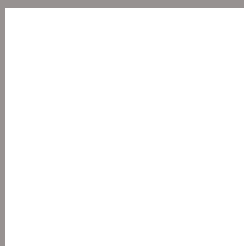
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1522, 29.1814, 30.9369

Background



This preview shows how black text looks on a background with the XYZ color 28.1522, 29.1814, 30.9369.



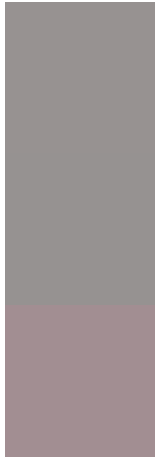
This preview shows how white text looks on a background with the XYZ color 28.1522, 29.1814,

30.9369.

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

28.1522, 29.1814, 30.9369

Protanopia

27.9674, 29.0861, 30.9282

Deuteranopia

29.7616, 29.1027, 31.2429



Tritanopia

29.1109, 29.1191, 35.5387

Trichromacy



Original Color

28.1522, 29.1814, 30.9369

Protanomaly

27.9674, 29.0861, 30.9282

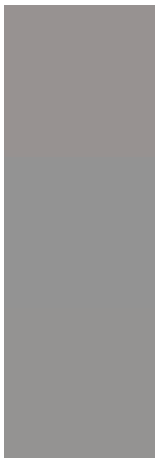
Deuteranomaly

29.1113, 28.9893, 31.2553

Tritanomaly

28.7418, 29.1932, 33.8258

Monochromacy



Original Color

28.1522, 29.1814, 30.9369

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.8348, 29.2387, 31.3707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1522, 29.1814, 30.9369 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(151, 146, 145)` looks like.

```
.text, #text, p{  
    color:rgb(151, 146, 145)  
}
```

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(151, 146, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 146, 145) }
```

Border

The CSS property to change the border of an element to XYZ 28.1522, 29.1814, 30.9369 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(151, 146, 145) }
```


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

```
.border{ border-color:rgb(151, 146, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 146, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 146, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 146, 145); box-shadow:4px 4px 4px 4px rgb(151, 146, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1522, 29.1814, 30.9369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 146, 145) }
```

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

```
.background{ background-color: rgb(151,  
146, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor