

Converting Colors

XYZ(28.1521, 29.5889, 29.5422)

Have a look what the booklet for
XYZ(28.1521, 29.5889, 29.5422)
contains.

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Color

**XYZ(28.1601, 29.6822,
29.4443)**

Conversions

Conversions Part 1

Format	Color
Hex	97948D
RGB	151, 148, 141
RGB Percent	59%, 58%, 55%
CMY	0.4078, 0.4196, 0.4471
CMYK	0.00, 0.02, 0.07, 0.41
HSL	42°, 5%, 57%
HSV	42°, 7%, 59%
XYZ	28.1601, 29.6822, 29.4443
YIQ	148.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

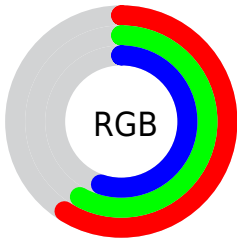
Format	Color
R_{YB}	145, 151, 141
Decimal	9933965
CIE Lab	61.38, -0.20, 4.08
CIE LCh	61, 4.084, 92.875
Yxy	29.6822, 0.3226, 0.3401
Android (android.graphics.Color)	4288124045 (0xFF97948D)
YUV	148.0990, -3.4998, 2.5442
Hunter-Lab	54.4814, -3.0801, 6.0939

Details

The XYZ color **28.1601, 29.6822, 29.4443** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.5436, 27.8431, 33.2537**, and the grayscale version is **28.2032, 29.6720, 32.3128**.

A 20% lighter version of the original color is **56.1477, 59.1603, 60.0895**, and **11.4186, 12.0140, 11.6146** is the 20% darker color. If you saturate the color by 10%, you get **26.4166, 27.8720, 23.6927**, and if you desaturate by 10%, it is **30.0863, 31.6118, 36.0133**.

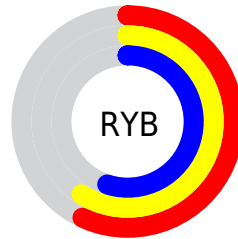
Distribution



Red (59%)

Green (58%)

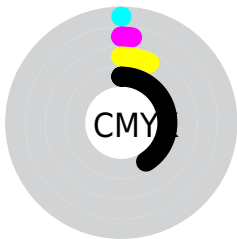
Blue (55%)



Red (57%)

Yellow (59%)

Blue (55%)

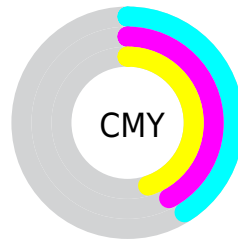


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (41%)



Cyan (41%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1601, 29.6822, 29.4443 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 28.1601, 29.6822, 29.4443 by changing the saturation by 10% instead.

■ 28.1601, 29.6822,
29.4443

■ 28.1601, 29.6822,
29.4443

285.2974,
300.4203, 313.4318

■ 18.5875, 19.5975,
19.1687

■ 56.1468, 59.1592,
59.8328

■ 11.4748, 12.1028,
11.6142

■ 75.2916, 79.3203,
80.7829

■ 6.4568, 6.8137,
6.3622

■ 98.3578, 103.6091,
106.1281

■ 3.1680, 3.3459,
2.9942

125.7107,
132.4098, 136.2872

■ 1.2432, 1.3149,
1.0917

157.7158,
166.1068, 171.6785

■ 0.1401, 0.1527,
0.0000

194.7384,

■ 0.0000, 0.0000,

205.0847, 212.7207

0.0000

237.1438,
249.7277, 259.8323

■ 28.1601, 29.6822,
29.4443

■ 28.1601, 29.6822,
29.4443

■ 26.4166, 27.8720,
23.6927

■ 30.0863, 31.6118,
36.0133

■ 24.8467, 26.1743,
18.7241

■ 32.1988, 33.6598,
43.4286

■ 23.4445, 24.5869,
14.5043

■ 34.5041, 35.8304,
51.7198

■ 22.2025, 23.1066,
10.9961

■ 37.0080, 38.1263,
60.9147

■ 21.1127, 21.7295,
8.1589

■ 39.7156, 40.5500,
71.0398

■ 20.1663, 20.4516,
5.9478

■ 42.6321, 43.1040,
82.1204

■ 19.3534, 19.2684,
4.3127

■ 45.7623, 45.7908,
94.1809

■ 18.6628, 18.1748,
3.1957

■ 47.9963, 48.1668,
101.3752

■ 18.0769, 17.1632,
2.5065

■ 48.9529, 50.0800,
101.6940

Harmonies

Analogous

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



28.6872, 29.6822, 29.7486



28.1601, 29.6822, 29.4443



27.6532, 29.6822, 29.8897

Triad

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



28.1601, 29.6822, 29.4443



27.3506, 29.6822, 33.9568



29.1445, 29.6822, 33.6911

Complementary

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



28.1601, 29.6822, 29.4443



26.5436, 27.8431, 33.2537

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.



28.7783, 29.6822, 34.8762



28.1601, 29.6822, 29.4443



27.7422, 29.6822, 35.0331

Square

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



28.1601, 29.6822, 29.4443



27.1896, 29.6822, 32.4679



28.2640, 29.6822, 35.3747



29.2598, 29.6822, 32.1703

Rectangle

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



28.1601, 29.6822, 29.4443



27.3938, 29.6822, 30.5604



28.2640, 29.6822, 35.3747



29.0464, 29.6822, 34.1435

Sweetspot

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



28.1609, 29.6835, 29.4449



51.9714, 54.7151, 57.9371



27.3218, 27.6431, 30.2816



11.8221, 12.4458, 13.2015



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.



28.1609, 29.6835, 29.4449



49.9311, 52.6466, 51.0539



28.2691, 30.4462, 29.5865



6.5525, 6.9102, 6.5943



15.2454, 14.3732, 1.9708



0.2592, 0.2775, 0.0399

Inverse Universe

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



26.5436, 27.8431, 33.2537



46.3981, 48.6264, 59.3741



26.4389, 27.1242, 33.1205



6.0279, 6.3132, 7.8298



5.5812, 3.5591, 25.3005



0.1125, 0.1114, 0.3879

Previews

White Background



This preview shows how the XYZ color 28.1601, 29.6822, 29.4443 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 28.1601, 29.6822, 29.4443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

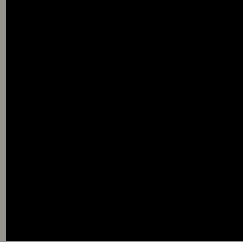
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.1601, 29.6822, 29.4443

Background



This preview shows how black text looks on a background with the XYZ color 28.1601, 29.6822, 29.4443.



This preview shows how white text looks on a background with the XYZ color 28.1601, 29.6822, 29.4443.

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

28.1601, 29.6822, 29.4443

Protanopia

28.5345, 29.8752, 29.4619

Deuteranopia

30.2220, 29.5972, 29.7112



Tritanopia

29.5016, 29.7644, 36.0885

Trichromacy



Original Color

28.1601, 29.6822, 29.4443

Protanomaly

28.3465, 29.7783, 29.4531

Deuteranomaly

29.5051, 29.6774, 29.7644

Tritanomaly

28.9685, 29.7772, 33.4989

Monochromacy



Original Color

28.1601, 29.6822, 29.4443

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.0952, 29.6137, 31.0233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1601, 29.6822, 29.4443 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, 148, 141)` looks like.

```
.text, #text, p{  
    color:rgb(151, 148, 141)  
}
```

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, 148, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 148, 141) }
```

Border

The CSS property to change the border of an element to XYZ 28.1601, 29.6822, 29.4443 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, 148, 141) }
```


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

```
.border{ border-color:rgb(151, 148, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 148, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 148, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 148, 141);  
box-shadow:4px 4px 4px 4px rgb(151, 148,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1601, 29.6822, 29.4443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 148, 141) }
```

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

```
.background{ background-color: rgb(151,  
148, 141) }
```

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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