

Converting Colors

XYZ(27.6309, 28.8262, 14.2329)

Have a look what the booklet for
XYZ(27.6309, 28.8262, 14.2329)
contains.

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Color

**XYZ(27.6309, 28.8262,
14.2329)**

Conversions

Conversions Part 1

Format	Color
Hex	A6905C
RGB	166, 144, 92
RGB Percent	65%, 56%, 36%
CMY	0.3490, 0.4353, 0.6392
CMYK	0.00, 0.13, 0.45, 0.35
HSL	42°, 29%, 51%
HSV	42°, 45%, 65%
XYZ	27.6309, 28.8262, 14.2329
YIQ	144.6500, 29.8040, -11.5080

Conversions

Conversions Part 2

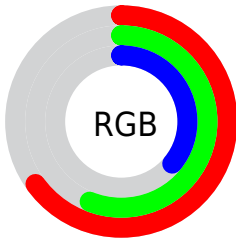
Format	Color
R_{YB}	123, 166, 92
Decimal	10915932
CIE Lab	60.63, 0.93, 30.62
CIE LCh	61, 30.629, 88.257
Yxy	28.8262, 0.3909, 0.4078
Android (android.graphics.Color)	4289106012 (0xFFA6905C)
YUV	144.6500, -25.9564, 18.7240
Hunter-Lab	53.6900, -2.0948, 21.8656

Details

The XYZ color **27.6309, 28.8262, 14.2329** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.3137, 17.0625, 38.4572**, and the grayscale version is **26.8657, 28.2648, 30.7803**.

A 20% lighter version of the original color is **55.2762, 57.9009, 34.2492**, and **11.1584, 11.6396, 4.1412** is the 20% darker color. If you saturate the color by 10%, you get **26.2524, 27.1060, 10.5772**, and if you desaturate by 10%, it is **29.2025, 30.6780, 18.7381**.

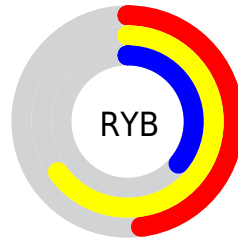
Distribution



Red (65%)

Green (56%)

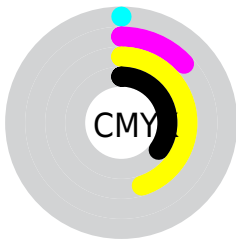
Blue (36%)



Red (48%)

Yellow (65%)

Blue (36%)

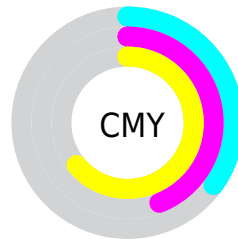


Cyan (0%)

Magenta (13%)

Yellow (45%)

Black (35%)



Cyan (35%)


Magenta (44%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6309, 28.8262, 14.2329 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 27.6309, 28.8262, 14.2329 by changing the saturation by 10% instead.


 27.6309, 28.8262,
14.2329


 27.6309, 28.8262,
14.2329


282.8112,
296.3940, 230.1535


 18.1866, 18.9494,
8.1422


 55.3074, 57.8008,
34.2248


 11.1846, 11.6337,
4.0970


 74.2703, 77.6674,
48.9630

 6.2593, 6.4948,
1.6787


 97.1369, 101.6328,
67.4209

 3.0456, 3.1482,
0.3461

 124.2724,
130.0812, 90.0170

 1.1779, 1.2096,
0.0000

156.0422,
163.3972, 117.1697

 0.0888, 0.0695,
0.0000

192.8117,

 0.0000, 0.0000,

201.9650, 149.2977

0.0000

234.9462,
246.1692, 186.8195

■ 27.6309, 28.8262,
14.2329

■ 27.6309, 28.8262,
14.2329

■ 26.2524, 27.1060,
10.5772

■ 29.2025, 30.6780,
18.7381

■ 25.0540, 25.5085,
7.7139

■ 30.9750, 32.6620,
24.1414

■ 24.0242, 24.0293,
5.5813

■ 32.9584, 34.7840,
30.4900

■ 23.1491, 22.6622,
4.1082

■ 35.1612, 37.0479,
37.8270

■ 22.4117, 21.3998,
3.2078

■ 37.5915, 39.4575,
46.1930

■ 22.0473, 20.7499,
2.8431

■ 40.2569, 42.0166,
55.6262

■ 43.1647, 44.7287,
66.1630

■ 46.3217, 47.5970,
77.8379

■ 49.7345, 50.6248,
90.6840

Harmonies

Analogous

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



31.6074, 28.8262, 16.2420



27.6309, 28.8262, 14.2329



23.9459, 28.8262, 15.8179

Triad

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



27.6309, 28.8262, 14.2329



21.2180, 28.8262, 42.8975



34.4052, 28.8262, 44.3293

Complementary

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



27.6309, 28.8262, 14.2329



17.3137, 17.0625, 38.4572

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.



31.1678, 28.8262, 54.8089



27.6309, 28.8262, 14.2329



23.5808, 28.8262, 53.8518

Square

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



27.6309, 28.8262, 14.2329



20.4640, 28.8262, 30.7276



27.1673, 28.8262, 58.6532



35.7452, 28.8262, 32.0554

Rectangle

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



27.6309, 28.8262, 14.2329



22.0956, 28.8262, 18.9808



27.1673, 28.8262, 58.6532



33.4883, 28.8262, 48.2795

Sweetspot

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



27.6316, 28.8275, 14.2335



60.3272, 63.6636, 57.0099



22.6019, 16.9810, 18.0661



13.3176, 14.0556, 12.1606



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.6316, 28.8275, 14.2335



47.7848, 49.3738, 19.5488



28.3677, 34.6436, 15.3173



7.9558, 8.3916, 7.9897



17.1387, 16.1747, 2.2187



0.4583, 0.4761, 0.0678

Inverse Universe

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



17.3137, 17.0625, 38.4572



26.7638, 25.4278, 68.9727



16.7497, 13.5212, 37.8034



7.3068, 7.6505, 9.5099



6.2367, 3.9335, 28.4060



0.1957, 0.1836, 0.7058

Previews

White Background



This preview shows how the XYZ color 27.6309, 28.8262, 14.2329 looks on a white background.

Color Contrast Check

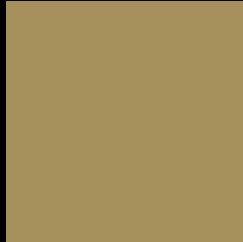
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6309, 28.8262, 14.2329 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 27.6309, 28.8262, 14.2329

Background



This preview shows how black text looks on a background with the XYZ color 27.6309, 28.8262, 14.2329.



This preview shows how white text looks on a background with the XYZ color 27.6309, 28.8262,

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

27.6309, 28.8262, 14.2329

Protanopia

26.5527, 28.7190, 14.4998

Deuteranopia

29.2584, 28.7766, 14.3683



Tritanopia

31.3042, 28.8001, 31.9260

Trichromacy



Original Color

27.6309, 28.8262, 14.2329

Protanomaly

27.0015, 28.7225, 14.4768

Deuteranomaly

28.5139, 28.6107, 14.3755

Tritanomaly

29.8519, 28.8607, 24.4194

Monochromacy



Original Color

27.6309, 28.8262, 14.2329

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.0282, 28.5295, 23.8209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6309, 28.8262, 14.2329 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(166, 144, 92)` looks like.

```
.text, #text, p{  
    color:rgb(166, 144, 92)  
}
```

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(166, 144, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 144, 92) }
```

Border

The CSS property to change the border of an element to XYZ 27.6309, 28.8262, 14.2329 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(166, 144, 92) }
```


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

```
.border{ border-color:rgb(166, 144, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 144, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 144, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 144, 92);  
box-shadow:4px 4px 4px 4px rgb(166, 144,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6309, 28.8262, 14.2329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 144, 92) }
```

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

```
.background{ background-color: rgb(166,  
144, 92) }
```

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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