

Converting Colors

XYZ(27.2622, 28.5202, 15.6049)

Have a look what the booklet for
XYZ(27.2622, 28.5202, 15.6049)
contains.

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Color

**XYZ(27.2821, 28.6149,
15.6406)**

Conversions

Conversions Part 1

Format	Color
Hex	A39062
RGB	163, 144, 98
RGB Percent	64%, 56%, 38%
CMY	0.3608, 0.4353, 0.6157
CMYK	0.00, 0.12, 0.40, 0.36
HSL	42°, 26%, 51%
HSV	42°, 40%, 64%
XYZ	27.2821, 28.6149, 15.6406
YIQ	144.4370, 26.0900, -10.2780

Conversions

Conversions Part 2

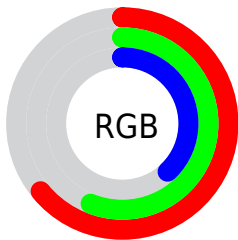
Format	Color
R_{YB}	125, 163, 98
Decimal	10719330
CIE Lab	60.44, 0.34, 27.05
CIE LCh	60, 27.052, 89.278
Yxy	28.6149, 0.3814, 0.4000
Android (android.graphics.Color)	4288909410 (0xFFA39062)
YUV	144.4370, -22.8934, 16.2798
Hunter-Lab	53.4929, -2.5752, 20.1094

Details

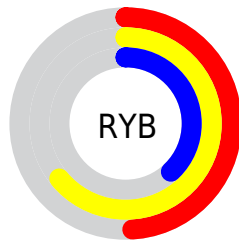
The XYZ color **27.2821, 28.6149, 15.6406** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.0089, 17.9630, 37.1682**, and the grayscale version is **26.7684, 28.1624, 30.6689**.

A 20% lighter version of the original color is **54.8323, 57.6182, 36.6652**, and **11.0307, 11.5594, 4.7818** is the 20% darker color. If you saturate the color by 10%, you get **25.8834, 26.9262, 11.7563**, and if you desaturate by 10%, it is **28.8694, 30.4298, 20.3617**.

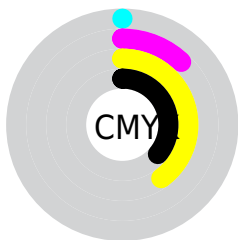
Distribution



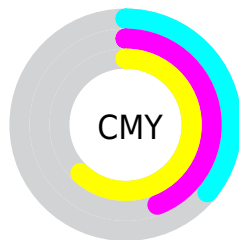
- Red (64%)
- Green (56%)
- Blue (38%)



- Red (49%)
- Yellow (64%)
- Blue (38%)



- Cyan (0%)
- Magenta (12%)
- Yellow (40%)
- Black (36%)



- Cyan (36%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2821, 28.6149, 15.6406 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 27.2821, 28.6149, 15.6406 by changing the saturation by 10% instead.

■ 27.2821, 28.6149,
15.6406

■ 27.2821, 28.6149,
15.6406

281.1631,
295.3936, 238.9844

■ 17.9229, 18.7897,
9.1186

■ 54.7529, 57.4647,
36.7312

■ 10.9940, 11.5184,
4.7208

■ 73.5952, 77.2580,
52.1369

■ 6.1301, 6.4167,
2.0285

■ 96.3293, 101.1429,
71.3409

■ 2.9657, 3.1001,
0.5727

■ 123.3204,
129.5037, 94.7617

■ 1.1357, 1.1842,
0.0000

154.9340,
162.7247, 122.8179

■ 0.0546, 0.0487,
0.0000

191.5354,

■ 0.0000, 0.0000,

201.1905, 155.9281

0.0000

233.4900,
245.2853, 194.5107

■ 27.2821, 28.6149,
15.6406

■ 27.2821, 28.6149,
15.6406

■ 25.8834, 26.9262,
11.7563

■ 28.8694, 30.4298,
20.3617

■ 24.6612, 25.3553,
8.6565

■ 30.6524, 32.3713,
25.9641

■ 23.6053, 23.8983,
6.2857

■ 32.6402, 34.4445,
32.4914

■ 22.7032, 22.5498,
4.5803

■ 34.8408, 36.6533,
39.9835

■ 21.9405, 21.3033,
3.4657

■ 37.2616, 39.0012,
48.4783

■ 21.2844, 20.1451,
2.7724

■ 39.9097, 41.4916,
58.0113

■ 21.2765, 20.1311,
2.7643

■ 42.7919, 44.1276,
68.6165

■ 45.9147, 46.9125,
80.3263

■ 49.2842, 49.8492,
93.1717

Harmonies

Analogous

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



30.7656, 28.6149, 17.4027



27.2821, 28.6149, 15.6406



24.0512, 28.6149, 17.2393

Triad

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



27.2821, 28.6149, 15.6406



21.7627, 28.6149, 41.5129



33.3726, 28.6149, 42.0220

Complementary

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



27.2821, 28.6149, 15.6406



18.0089, 17.9630, 37.1682

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.



30.6071, 28.6149, 51.0667



27.2821, 28.6149, 15.6406



23.9168, 28.6149, 50.7314

Square

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



27.2821, 28.6149, 15.6406



21.0339, 28.6149, 30.9156



27.1133, 28.6149, 54.5478



34.4612, 28.6149, 31.3991

Rectangle

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



27.2821, 28.6149, 15.6406



22.4298, 28.6149, 20.2415



27.1133, 28.6149, 54.5478



32.5972, 28.6149, 45.4242

Sweetspot

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



27.2828, 28.6162, 15.6412



57.5873, 60.7950, 55.2944



22.7125, 17.8183, 19.2267



12.8341, 13.5511, 12.0887



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.2828, 28.6162, 15.6412



46.5880, 48.5118, 21.6767



27.8795, 33.5602, 16.5640



7.4738, 7.8859, 7.5083



16.5764, 15.7267, 2.1619



0.3859, 0.4057, 0.0580

Inverse Universe

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



18.0089, 17.9630, 37.1682



27.6184, 26.7371, 65.7612



17.5344, 14.7596, 36.5749



6.8613, 7.1816, 8.9276



5.9829, 3.7452, 27.3373



0.1646, 0.1564, 0.5874

Previews

White Background



This preview shows how the XYZ color 27.2821, 28.6149, 15.6406 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 27.2821, 28.6149, 15.6406 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 27.2821, 28.6149, 15.6406

Background



This preview shows how black text looks on a background with the XYZ color 27.2821, 28.6149, 15.6406.



This preview shows how white text looks on a background with the XYZ color 27.2821, 28.6149,

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

27.2821, 28.6149, 15.6406

Protanopia

26.6316, 28.7277, 15.9458

Deuteranopia

29.0858, 28.6557, 15.8025



Tritanopia

30.5822, 28.6399, 31.9332

Trichromacy



Original Color

27.2821, 28.6149, 15.6406

Protanomaly

26.8747, 28.6252, 15.9132

Deuteranomaly

28.3546, 28.4967, 15.8103

Tritanomaly

29.1332, 28.4749, 25.0798

Monochromacy



Original Color

27.2821, 28.6149, 15.6406

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.5665, 28.0581, 24.0942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2821, 28.6149, 15.6406 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(163, 144, 98)` looks like.

```
.text, #text, p{  
    color:rgb(163, 144, 98)  
}
```

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(163, 144, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 144, 98) }
```

Border

The CSS property to change the border of an element to XYZ 27.2821, 28.6149, 15.6406 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(163, 144, 98) }
```


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

```
.border{ border-color:rgb(163, 144, 98) }
```

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

Here you see how a box with a 4 pixel rgb(163, 144, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 144, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 144, 98);  
box-shadow:4px 4px 4px 4px rgb(163, 144,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2821, 28.6149, 15.6406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 144, 98) }
```

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

```
.background{ background-color: rgb(163,  
144, 98) }
```

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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