

Converting Colors

XYZ(27.0805, 30.5265, 15.6389)

Have a look what the booklet for
XYZ(27.0805, 30.5265, 15.6389)
contains.

XYZ(27.2129, 30.6949, 15.5568)	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(27.2129, 30.6949,
15.5568)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9960
RGB	156, 153, 96
RGB Percent	61%, 60%, 38%
CMY	0.3882, 0.4000, 0.6235
CMYK	0.00, 0.02, 0.38, 0.39
HSL	57°, 24%, 49%
HSV	57°, 38%, 61%
XYZ	27.2129, 30.6949, 15.5568
YIQ	147.3990, 20.0850, -17.0910

Conversions

Conversions Part 2

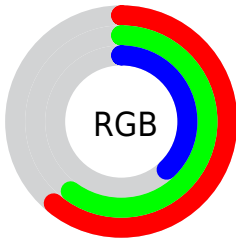
Format	Color
RYB	99, 156, 96
Decimal	10262880
CIELab	62.25, -7.74, 30.36
CIELCh	62, 31.326, 104.296
Yxy	30.6949, 0.3704, 0.4178
Android (android.graphics.Color)	4288452960 (0xFF9C9960)
YUV	147.3990, -25.3397, 7.5431
Hunter-Lab	55.4030, -9.2794, 22.1338

Details

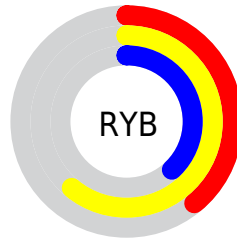
The XYZ color **27.2129, 30.6949, 15.5568** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.2865, 13.8105, 33.3126**, and the grayscale version is **27.9950, 29.4530, 32.0743**.

A 20% lighter version of the original color is **54.4433, 60.5811, 36.4276**, and **10.9938, 12.6592, 4.6603** is the 20% darker color. If you saturate the color by 10%, you get **26.4380, 30.1827, 12.0999**, and if you desaturate by 10%, it is **28.1327, 31.2686, 19.7660**.

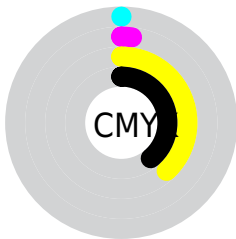
Distribution



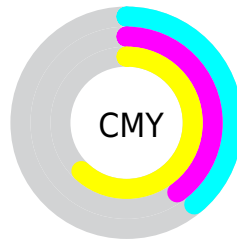
- Red (61%)
- Green (60%)
- Blue (38%)



- Red (39%)
- Yellow (61%)
- Blue (38%)



- Cyan (0%)
- Magenta (2%)
- Yellow (38%)
- Black (39%)



- Cyan (39%)
- Magenta (40%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2129, 30.6949, 15.5568 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 27.2129, 30.6949, 15.5568 by changing the saturation by 10% instead.

■ 27.2129, 30.6949,
15.5568

■ 27.2129, 30.6949,
15.5568

280.8353,
305.1303, 238.4678

■ 17.8706, 20.3666,
9.0601

■ 54.6428, 60.7594,
36.5831

■ 10.9562, 12.6618,
4.6831

■ 73.4611, 81.2644,
51.9498

■ 6.1045, 7.1961,
2.0071

■ 96.1688, 105.9305,
71.1102

■ 2.9500, 3.5850,
0.5596

■ 123.1312,
135.1420, 94.4830

■ 1.1274, 1.4443,
0.0000

154.7137,
169.2833, 122.4866

■ 0.0478, 0.2490,
0.0000

191.2816,

■ 0.0000, 0.0000,

208.7389, 155.5396

0.0000

233.2004,
253.8931, 194.0605

■ 27.2129, 30.6949,
15.5568

■ 27.2129, 30.6949,
15.5568

■ 26.4380, 30.1827,
12.0999

■ 28.1327, 31.2686,
19.7660

■ 25.7973, 29.7243,
9.3487

■ 29.2029, 31.9027,
24.7664

■ 25.2821, 29.3175,
7.2544


■ 30.4315, 32.6015,
30.5968


■ 24.8818, 28.9581,
5.7615


■ 31.8252, 33.3678,
37.2927


■ 24.5842, 28.6409,
4.8049


■ 33.3905, 34.2039,
44.8876


 24.3652, 28.3566,
4.2582

 35.1332, 35.1124,
53.4131

 24.3332, 28.3136,
4.1826

 37.0593, 36.0956,
62.8995

 39.1740, 37.1556,
73.3755

 41.4827, 38.2945,
84.8687

Harmonies

Analogous

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



31.4306, 30.6949, 15.6459



27.2129, 30.6949, 15.5568



23.8577, 30.6949, 19.3742

Triad

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



27.2129, 30.6949, 15.5568



23.7345, 30.6949, 52.4594



37.7208, 30.6949, 40.1272

Complementary

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



27.2129, 30.6949, 15.5568



15.2865, 13.8105, 33.3126

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.



35.2279, 30.6949, 53.0075



27.2129, 30.6949, 15.5568



27.0292, 30.6949, 61.2168

Square

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



27.2129, 30.6949, 15.5568



21.9849, 30.6949, 39.5064



31.2283, 30.6949, 61.4386



37.7822, 30.6949, 27.9959

Rectangle

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



27.2129, 30.6949, 15.5568



22.4457, 30.6949, 24.3068



31.2283, 30.6949, 61.4386



37.1294, 30.6949, 44.5700

Sweetspot

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



27.2137, 30.6963, 15.5574



54.3947, 58.7200, 51.3913



20.1456, 16.3349, 13.8960



11.9109, 12.8879, 11.0317



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.2137, 30.6963, 15.5574



48.2207, 54.9580, 22.8640



23.0533, 29.2888, 15.5050



7.1418, 7.6636, 7.0885



20.0507, 23.3369, 3.4477



0.3663, 0.4328, 0.0642

Inverse Universe

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



15.2865, 13.8105, 33.3126



23.4626, 19.9113, 59.7334



18.3524, 14.9774, 33.3763



6.3100, 6.4858, 8.3260



5.0202, 2.1319, 26.0541



0.0967, 0.0519, 0.4682

Previews

White Background



This preview shows how the XYZ color 27.2129, 30.6949, 15.5568 looks on a white background.

Color Contrast Check

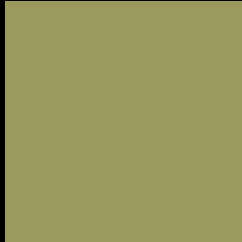
Large Text (above 18pt) WCAG AA × Fail

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 27.2129, 30.6949, 15.5568 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 ✓ Pass

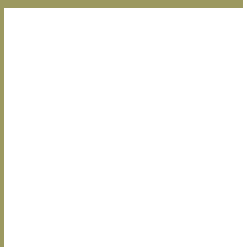
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2129, 30.6949, 15.5568

Background



This preview shows how black text looks on a background with the XYZ color 27.2129, 30.6949, 15.5568.



This preview shows how white text looks on a background with the XYZ color 27.2129, 30.6949,

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

27.2129, 30.6949, 15.5568

Protanopia

28.2817, 30.5314, 15.2290

Deuteranopia

31.2339, 30.6521, 15.8255



Tritanopia

31.4689, 30.7786, 36.1806

Trichromacy



Original Color

27.2129, 30.6949, 15.5568

Protanomaly

27.8301, 30.5365, 15.2538

Deuteranomaly

29.6046, 30.5012, 15.6362

Tritanomaly

29.6178, 30.7177, 27.2898

Monochromacy



Original Color

27.2129, 30.6949, 15.5568

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.2214, 29.5374, 24.6886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2129, 30.6949, 15.5568 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(156, 153, 96)` looks like.

```
.text, #text, p{  
    color:rgb(156, 153, 96)  
}
```

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(156, 153, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 153, 96) }
```

Border

The CSS property to change the border of an element to XYZ 27.2129, 30.6949, 15.5568 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(156, 153, 96) }
```


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

```
.border{ border-color:rgb(156, 153, 96) }
```

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

Here you see how a box with a 4 pixel rgb(156, 153, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 153, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 153, 96);  
box-shadow:4px 4px 4px 4px rgb(156, 153,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2129, 30.6949, 15.5568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 153, 96) }
```

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

```
.background{ background-color: rgb(156,  
153, 96) }
```

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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