

Converting Colors

XYZ(22.0249, 27.3226, 16.0306)

Have a look what the booklet for
XYZ(22.0249, 27.3226, 16.0306)
contains.

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Color

**XYZ(21.9109, 27.2256,
15.9046)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9663
RGB	127, 150, 99
RGB Percent	50%, 59%, 39%
CMY	0.5020, 0.4118, 0.6118
CMYK	0.15, 0.00, 0.34, 0.41
HSL	87°, 20%, 49%
HSV	87°, 34%, 59%
XYZ	21.9109, 27.2256, 15.9046
YIQ	137.3090, 2.6630, -20.7370

Conversions

Conversions Part 2

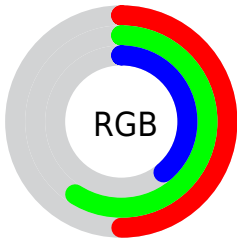
Format	Color
R_{YB}	99, 150, 122
Decimal	8361571
CIE _{Lab}	59.18, -17.48, 24.30
CIE _{LCh}	59, 29.932, 125.738
Yxy	27.2256, 0.3369, 0.4186
Android (android.graphics.Color)	4286551651 (0xFF7F9663)
YUV	137.3090, -18.8863, -9.0410
Hunter-Lab	52.1782, -16.3552, 18.4523

Details

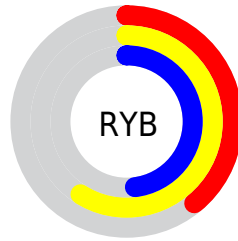
The XYZ color **21.9109, 27.2256, 15.9046** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.9940, 15.2640, 30.8536**, and the grayscale version is **23.9640, 25.2120, 27.4559**.

A 20% lighter version of the original color is **45.9203, 55.0910, 37.0675**, and **8.1422, 10.7494, 4.8945** is the 20% darker color. If you saturate the color by 10%, you get **20.2856, 26.4638, 12.4266**, and if you desaturate by 10%, it is **23.7385, 28.0779, 20.0886**.

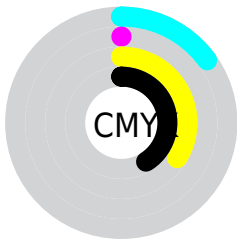
Distribution



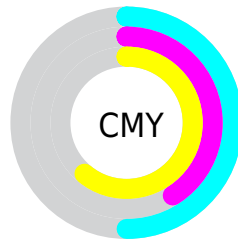
- Red (50%)
- Green (59%)
- Blue (39%)



- Red (39%)
- Yellow (59%)
- Blue (48%)



- Cyan (15%)
- Magenta (0%)
- Yellow (34%)
- Black (41%)



- Cyan (50%)
- Magenta (41%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9109, 27.2256, 15.9046 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 21.9109, 27.2256, 15.9046 by changing the saturation by 10% instead.

■ 21.9109, 27.2256,
15.9046

■ 21.9109, 27.2256,
15.9046

254.7217,
288.7478, 240.6046

■ 13.9077, 17.7427,
9.3030

■ 46.0786, 55.2457,
37.1970

■ 8.1378, 10.7654,
4.8399

■ 62.9739, 74.5517,
52.7249

■ 4.2358, 5.9093,
2.0965

■ 83.5638, 97.9008,
72.0654

■ 1.8364, 2.7900,
0.6137

■ 108.2138,
125.6775, 95.6369

■ 0.5394, 1.0231,
0.0000

137.2893,
158.2662, 123.8580

■ 0.0000, 0.0000,
0.0000

171.1555,

196.0512, 157.1473

210.1779,
239.4169, 195.9233

■ 21.9109, 27.2256,
15.9046

■ 21.9109, 27.2256,
15.9046

■ 20.2856, 26.4638,
12.4266

■ 23.7385, 28.0779,
20.0886

■ 18.8517, 25.7855,
9.6138

■ 25.7745, 29.0206,
25.0127

■ 17.6006, 25.1877,
7.4241


■ 28.0271, 30.0581,
30.7112


■ 16.5218, 24.6661,
5.8097


■ 30.5035, 31.1933,
37.2154


■ 15.6035, 24.2160,
4.7159


■ 33.2105, 32.4292,
44.5552


 14.8316, 23.8314,
4.0766

 36.1547, 33.7684,
52.7586

 14.4170, 23.6233,
3.7999

 39.3422, 35.2136,
61.8526

 42.7790, 36.7674,
71.8630

 46.4709, 38.4321,
82.8143

Harmonies

Analogous

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



25.1668, 27.2256, 13.5465



21.9109, 27.2256, 15.9046



19.8751, 27.2256, 21.9813

Triad

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



21.9109, 27.2256, 15.9046



23.0412, 27.2256, 52.5835



33.6873, 27.2256, 27.6378

Complementary

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



21.9109, 27.2256, 15.9046



17.9940, 15.2640, 30.8536

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.



32.9801, 27.2256, 38.9080



21.9109, 27.2256, 15.9046



26.6007, 27.2256, 55.1304

Square

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



21.9109, 27.2256, 15.9046



20.4824, 27.2256, 43.3289



30.2952, 27.2256, 49.6318



32.1445, 27.2256, 19.1946

Rectangle

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



21.9109, 27.2256, 15.9046



19.3650, 27.2256, 28.1441



30.2952, 27.2256, 49.6318



33.7065, 27.2256, 31.1964

Sweetspot

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



21.9116, 27.2268, 15.9052



46.9502, 51.8887, 47.8004



21.7842, 21.2926, 14.7665



10.2953, 11.4487, 10.3183



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.9116, 27.2268, 15.9052



36.3973, 46.9826, 23.1721



18.5879, 25.5134, 15.7496



6.0156, 6.6159, 6.2004



11.9938, 19.6109, 3.1531



0.1808, 0.2576, 0.0402

Inverse Universe

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



17.9940, 15.2640, 30.8536



28.3818, 22.4991, 53.7681



22.0814, 17.3711, 31.0448



5.7330, 5.7534, 7.2781



6.5590, 2.8539, 24.1362



0.1135, 0.0520, 0.2970

Previews

White Background



This preview shows how the XYZ color 21.9109, 27.2256, 15.9046 looks on a white background.

Color Contrast Check

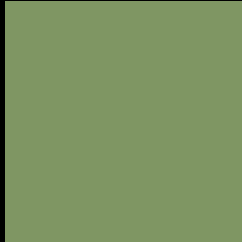
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9109, 27.2256, 15.9046 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

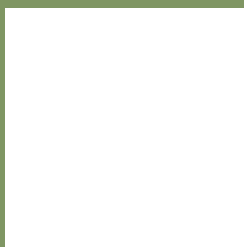
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.9109, 27.2256, 15.9046

Background



This preview shows how black text looks on a background with the XYZ color 21.9109, 27.2256, 15.9046.



This preview shows how white text looks on a background with the XYZ color 21.9109, 27.2256,

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

21.9109, 27.2256, 15.9046

Protanopia

25.1107, 27.0606, 14.9661

Deuteranopia

27.5646, 27.0026, 16.3296



Tritanopia

25.6469, 27.1289, 34.4565

Trichromacy



Original Color

21.9109, 27.2256, 15.9046

Protanomaly

23.7847, 27.0432, 15.2755

Deuteranomaly

25.2003, 26.8594, 16.1681

Tritanomaly

24.0977, 27.1845, 26.5313

Monochromacy



Original Color

21.9109, 27.2256, 15.9046

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.9210, 25.7626, 22.5035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9109, 27.2256, 15.9046 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(127, 150, 99)` looks like.

```
.text, #text, p{  
    color:rgb(127, 150, 99)  
}
```

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(127, 150, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 150, 99) }
```

Border

The CSS property to change the border of an element to XYZ 21.9109, 27.2256, 15.9046 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(127, 150, 99) }
```


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

```
.border{ border-color:rgb(127, 150, 99) }
```

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

Here you see how a box with a 4 pixel rgb(127, 150, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 150, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 150, 99);  
box-shadow:4px 4px 4px 4px rgb(127, 150,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9109, 27.2256, 15.9046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 150, 99) }
```

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

```
.background{ background-color: rgb(127,  
150, 99) }
```

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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