

Converting Colors

XYZ(27.9457, 32.4482, 21.3137)

Have a look what the booklet for
XYZ(27.9457, 32.4482, 21.3137)
contains.

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Color

**XYZ(27.9449, 32.4468,
21.3130)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 959F74 |
| RGB | 149, 159, 116 |
| RGB Percent | 58%, 62%, 45% |
| CMY | 0.4157, 0.3765, 0.5451 |
| CMYK | 0.06, 0.00, 0.27, 0.38 |
| HSL | 74°, 18%, 54% |
| HSV | 74°, 27%, 62% |
| XYZ | 27.9449, 32.4468, 21.3130 |
| YIQ | 151.1080, 7.8430, -15.4930 |

Conversions

Conversions Part 2

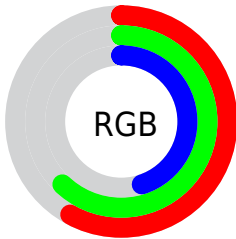
| Format | Color |
|-------------------------------------|---|
| RYB | 116, 159, 126 |
| Decimal | 9805684 |
| CIELab | 63.71, -11.11, 21.31 |
| CIELCh | 64, 24.027, 117.529 |
| Yxy | 32.4468, 0.3420, 0.3971 |
| Android (android.graphics.Color) | 4287995764 (0xFF959F74) |
| YUV | 151.1080, -17.3082, -1.8487 |
| Hunter-Lab | 56.9621, -12.1138, 17.6895 |

Details

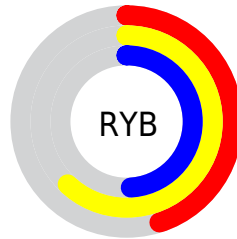
The XYZ color **27.9449, 32.4468, 21.3130** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.1089, 19.4305, 35.4407**, and the grayscale version is **29.5318, 31.0697, 33.8349**.

A 20% lighter version of the original color is **55.7431, 63.6168, 46.3871**, and **11.4127, 13.7270, 7.3583** is the 20% darker color. If you saturate the color by 10%, you get **26.4341, 31.7669, 16.8207**, and if you desaturate by 10%, it is **29.6371, 33.2040, 26.6416**.

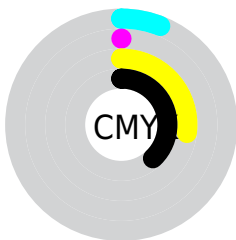
Distribution



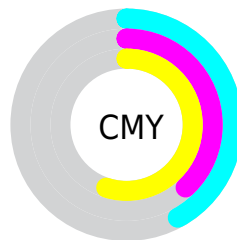
- Red (58%)
- Green (62%)
- Blue (45%)



- Red (45%)
- Yellow (62%)
- Blue (49%)



- Cyan (6%)
- Magenta (0%)
- Yellow (27%)
- Black (38%)





- Cyan (42%)
- Magenta (38%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.9449, 32.4468, 21.3130 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 27.9449, 32.4468, 21.3130 by changing the saturation by 10% instead.


 27.9449, 32.4468,
21.3130


 27.9449, 32.4468,
21.3130


284.2884,
313.1496, 271.7727


 18.4244, 21.7030,
13.1595


 55.8057, 63.5109,
46.4954

 11.3566, 13.6388,
7.4065


 74.8767, 84.5999,
64.3614

 6.3763, 7.8699,
3.6353


 97.8619, 109.9062,
86.3020

 3.1180, 4.0118,
1.4275

125.1267,
139.8141, 112.7357

 1.2165, 1.6802,
0.1630

157.0363,
174.7080, 144.0811

 0.1193, 0.4108,
0.0000

193.9563,

 0.0000, 0.0000,

214.9723, 180.7567

0.0000

236.2518,
260.9913, 223.1811

■ 27.9449, 32.4468,
21.3130

■ 27.9449, 32.4468,
21.3130

■ 26.4341, 31.7669,
16.8207

■ 29.6371, 33.2040,
26.6416

■ 25.0941, 31.1566,
13.1200

■ 31.5160, 34.0373,
32.8438

■ 23.9166, 30.6137,
10.1655

■ 33.5895, 34.9509,
39.9572

■ 22.8917, 30.1343,
7.9062

■ 35.8645, 35.9477,
48.0167

■ 22.0085, 29.7140,
6.2847

■ 38.3474, 37.0302,
57.0552

■ 21.2540, 29.3475,
5.2346

■ 41.0444, 38.2009,
67.1041

■ 20.6082, 29.0268,
4.6515

■ 43.9613, 39.4622,
78.1935

■ 20.4268, 28.9362,
4.5086

■ 47.1038, 40.8164,
90.3520

■ 49.8092, 41.9983,
100.0890

Harmonies

Analogous

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



31.1196, 32.4468, 19.8617



27.9449, 32.4468, 21.3130



25.6969, 32.4468, 26.2853

Triad

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



27.9449, 32.4468, 21.3130



27.4948, 32.4468, 53.3812



37.7659, 32.4468, 36.1341

Complementary

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



27.9449, 32.4468, 21.3130



21.1089, 19.4305, 35.4407

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.



36.6267, 32.4468, 46.2404



27.9449, 32.4468, 21.3130



30.5616, 32.4468, 57.2636

Square

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



27.9449, 32.4468, 21.3130



25.4506, 32.4468, 44.6041



33.9278, 32.4468, 54.4402



36.9404, 32.4468, 27.4381

Rectangle

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



27.9449, 32.4468, 21.3130



24.9438, 32.4468, 31.4766



33.9278, 32.4468, 54.4402



37.5983, 32.4468, 39.4836

Sweetspot

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



27.9457, 32.4482, 21.3137



56.0496, 60.7820, 57.5081



24.8254, 23.3804, 19.7279



12.5234, 13.6532, 12.5873



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.9457, 32.4482, 21.3137



48.5006, 57.4136, 33.5125



24.4813, 30.6623, 21.1516



7.0192, 7.6425, 7.0909



16.1706, 22.8730, 3.5626



0.3231, 0.4265, 0.0653

Inverse Universe

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



21.1089, 19.4305, 35.4407



34.3296, 30.4232, 62.8063



24.5043, 21.1809, 35.5996



6.4220, 6.5060, 8.3240



5.5771, 2.3041, 26.0580



0.1329, 0.0583, 0.4675

Previews

White Background



This preview shows how the XYZ color 27.9449, 32.4468, 21.3130 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 27.9449, 32.4468, 21.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

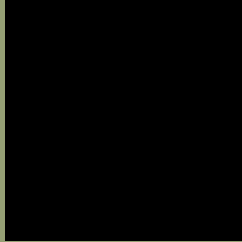
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.9449, 32.4468, 21.3130

Background



This preview shows how black text looks on a background with the XYZ color 27.9449, 32.4468, 21.3130.



This preview shows how white text looks on a background with the XYZ color 27.9449, 32.4468,

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

27.9449, 32.4468, 21.3130

Protanopia

30.1099, 32.3254, 20.5721

Deuteranopia

32.9160, 32.3116, 21.6414



Tritanopia

31.8931, 32.5670, 40.2024

Trichromacy



Original Color

27.9449, 32.4468, 21.3130

Protanomaly

29.2811, 32.3857, 20.9274

Deuteranomaly

30.8013, 32.1758, 21.4168

Tritanomaly

30.1247, 32.3216, 32.2547

Monochromacy



Original Color

27.9449, 32.4468, 21.3130

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.7207, 31.4302, 28.5976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9449, 32.4468, 21.3130 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(149, 159, 116)` looks like.

```
.text, #text, p{  
    color:rgb(149, 159, 116)  
}
```

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(149, 159, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 159, 116) }
```

Border

The CSS property to change the border of an element to XYZ 27.9449, 32.4468, 21.3130 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(149, 159, 116) }
```


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

```
.border{ border-color:rgb(149, 159, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 159, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 159, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 159, 116);  
box-shadow:4px 4px 4px 4px rgb(149, 159,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9449, 32.4468, 21.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 159, 116) }
```

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

```
.background{ background-color: rgb(149,  
159, 116) }
```

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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