

Converting Colors

XYZ(22.0241, 27.7601, 9.4658)

Have a look what the booklet for
XYZ(22.0241, 27.7601, 9.4658)
contains.

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Color

**XYZ(21.9112, 27.6068,
9.4840)**

Conversions

Conversions Part 1

Format	Color
Hex	869743
RGB	134, 151, 67
RGB Percent	53%, 59%, 26%
CMY	0.4745, 0.4078, 0.7372
CMYK	0.11, 0.00, 0.56, 0.41
HSL	72°, 39%, 43%
HSV	72°, 56%, 59%
XYZ	21.9112, 27.6068, 9.4840
YIQ	136.3410, 16.8320, -29.7280

Conversions

Conversions Part 2

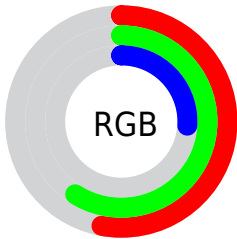
Format	Color
RYB	67, 151, 84
Decimal	8820547
CIELab	59.53, -18.99, 41.57
CIElCh	60, 45.702, 114.547
Yxy	27.6068, 0.3714, 0.4679
Android (android.graphics.Color)	4287010627 (0xFF869743)
YUV	136.3410, -34.1851, -2.0531
Hunter-Lab	52.5422, -17.5105, 26.0775

Details

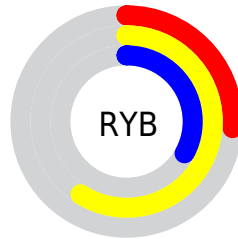
The XYZ color **21.9112, 27.6068, 9.4840** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **11.2503, 8.1342, 30.2569**, and the grayscale version is **23.6502, 24.8818, 27.0963**.

A 20% lighter version of the original color is **46.0876, 55.7895, 25.4789**, and **8.1304, 10.9456, 2.1744** is the 20% darker color. If you saturate the color by 10%, you get **21.0361, 27.2022, 7.3791**, and if you desaturate by 10%, it is **22.9199, 28.0684, 12.2129**.

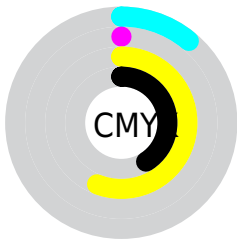
Distribution



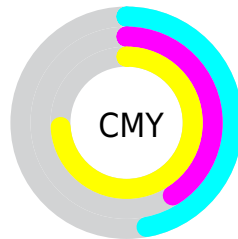
- Red (53%)
- Green (59%)
- Blue (26%)



- Red (26%)
- Yellow (59%)
- Blue (33%)



- Cyan (11%)
- Magenta (0%)
- Yellow (56%)
- Black (41%)



- Cyan (47%)
- Magenta (41%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9112, 27.6068, 9.4840 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 21.9112, 27.6068, 9.4840 by changing the saturation by 10% instead.

■ 21.9112, 27.6068,
9.4840

■ 21.9112, 27.6068,
9.4840

254.7233,
290.5833, 197.2977

■ 13.9079, 18.0295,
4.9571

■ 46.0791, 55.8561,
25.4128

■ 8.1379, 10.9711,
2.1638

■ 62.9745, 75.2968,
37.6518

■ 4.2359, 6.0474,
0.6534

■ 83.5646, 98.7941,
53.2985

■ 1.8364, 2.8739,
0.0000

■ 108.2147,
126.7324, 72.7715

■ 0.5395, 1.0663,
0.0000

■ 137.2903,
159.4961, 96.4894

■ 0.0000, 0.0000,
0.0000

171.1567,

197.4695, 124.8707

210.1792,
241.0371, 158.3340

■ 21.9112, 27.6068,
9.4840

■ 21.9112, 27.6068,
9.4840

■ 21.0361, 27.2022,
7.3791

■ 22.9199, 28.0684,
12.2129

■ 20.2830, 26.8472,
5.8470

■ 24.0687, 28.5866,
15.6082

■ 19.6417, 26.5384,
4.8312

■ 25.3659, 29.1659,
19.7107

■ 19.0972, 26.2699,
4.2536

■ 26.8188, 29.8091,
24.5572

■ 18.8736, 26.1588,
4.0544

■ 28.4339, 30.5189,
30.1823

■ 30.2175, 31.2978,
36.6181

■ 32.1754, 32.1481,
43.8951

■ 34.3134, 33.0721,
52.0422

■ 36.6366, 34.0720,
61.0868

Harmonies

Analogous

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



27.3035, 27.6068, 8.2796



21.9112, 27.6068, 9.4840



18.2281, 27.6068, 15.1859

Triad

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



21.9112, 27.6068, 9.4840



20.3377, 27.6068, 63.9106



38.8484, 27.6068, 33.1677

Complementary

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



21.9112, 27.6068, 9.4840



11.2503, 8.1342, 30.2569

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.



36.3094, 27.6068, 52.4053



21.9112, 27.6068, 9.4840



25.2034, 27.6068, 73.8505

Square

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



21.9112, 27.6068, 9.4840



17.4168, 27.6068, 45.2167



31.1031, 27.6068, 69.0129



37.6290, 27.6068, 18.7352

Rectangle

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



21.9112, 27.6068, 9.4840



16.9648, 27.6068, 22.3909



31.1031, 27.6068, 69.0129



38.3962, 27.6068, 39.3042

Sweetspot

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



21.9119, 27.6080, 9.4846



47.5609, 53.1760, 42.3938



16.9315, 13.2950, 6.9844



10.6998, 12.0375, 9.2640



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.9119, 27.6080, 9.4846



37.2841, 48.5320, 12.3726



16.5144, 24.8255, 9.2320



6.5864, 7.1598, 6.6407



16.0788, 22.2648, 3.4501



0.2680, 0.3471, 0.0529

Inverse Universe

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



11.2503, 8.1342, 30.2569



16.2388, 10.0045, 53.5089



16.1688, 10.6698, 30.4871



5.9955, 6.0836, 7.7872



5.2417, 2.1533, 25.0471



0.1034, 0.0451, 0.3756

Previews

White Background



This preview shows how the XYZ color 21.9112, 27.6068, 9.4840 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 21.9112, 27.6068, 9.4840 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 21.9112, 27.6068, 9.4840

Background



This preview shows how black text looks on a background with the XYZ color 21.9112, 27.6068, 9.4840.



This preview shows how white text looks on a background with the XYZ color 21.9112, 27.6068,

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

21.9112, 27.6068, 9.4840

Protanopia

25.0747, 27.3975, 8.9677

Deuteranopia

27.8460, 27.2934, 9.7617



Tritanopia

26.9244, 27.5752, 34.0405

Trichromacy



Original Color

21.9112, 27.6068, 9.4840

Protanomaly

23.8399, 27.4351, 9.1933

Deuteranomaly

25.3283, 27.0690, 9.6842

Tritanomaly

24.4535, 27.2314, 22.3797

Monochromacy



Original Color

21.9112, 27.6068, 9.4840

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.3858, 25.3483, 18.7518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9112, 27.6068, 9.4840 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(134, 151, 67)` looks like.

```
.text, #text, p{  
    color:rgb(134, 151, 67)  
}
```

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(134, 151, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 151, 67) }
```

Border

The CSS property to change the border of an element to XYZ 21.9112, 27.6068, 9.4840 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(134, 151, 67) }
```


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

```
.border{ border-color:rgb(134, 151, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 151, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 151, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 151, 67);  
box-shadow:4px 4px 4px 4px rgb(134, 151,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9112, 27.6068, 9.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 151, 67) }
```

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

```
.background{ background-color: rgb(134,  
151, 67) }
```

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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