

Converting Colors

XYZ(21.8781, 27.1975, 25.7764)

Have a look what the booklet for
XYZ(21.8781, 27.1975, 25.7764)
contains.

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Color

**XYZ(21.9136, 27.2439,
25.9334)**

Conversions

Conversions Part 1

Format	Color
Hex	709784
RGB	112, 151, 132
RGB Percent	44%, 59%, 52%
CMY	0.5608, 0.4078, 0.4823
CMYK	0.26, 0.00, 0.13, 0.41
HSL	151°, 16%, 52%
HSV	151°, 26%, 59%
XYZ	21.9136, 27.2439, 25.9334
YIQ	137.1730, -17.1450, -14.1770

Conversions

Conversions Part 2

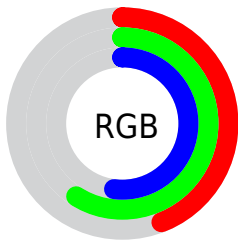
Format	Color
RYB	112, 138, 151
Decimal	7378820
CIELab	59.20, -17.54, 5.68
CIElCh	59, 18.439, 162.058
Yxy	27.2439, 0.2918, 0.3628
Android (android.graphics.Color)	4285568900 (0xFF709784)
YUV	137.1730, -2.5503, -22.0767
Hunter-Lab	52.1957, -16.4018, 7.0788

Details

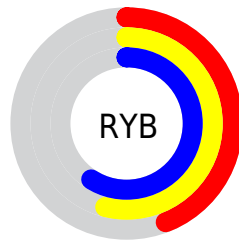
The XYZ color **21.9136, 27.2439, 25.9334** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.6544, 19.8071, 24.1032**, and the grayscale version is **23.8579, 25.1004, 27.3343**.

A 20% lighter version of the original color is **45.8981, 55.0579, 54.1071**, and **8.1684, 10.7956, 9.8369** is the 20% darker color. If you saturate the color by 10%, you get **19.6653, 26.1418, 23.2924**, and if you desaturate by 10%, it is **24.5211, 28.5286, 28.7777**.

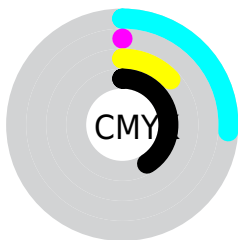
Distribution



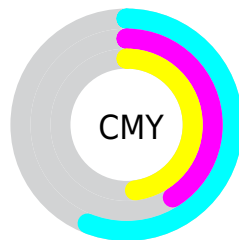
- Red (44%)
- Green (59%)
- Blue (52%)



- Red (44%)
- Yellow (54%)
- Blue (59%)



- Cyan (26%)
- Magenta (0%)
- Yellow (13%)
- Black (41%)



- Cyan (56%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9136, 27.2439, 25.9334 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 21.9136, 27.2439, 25.9334 by changing the saturation by 10% instead.

■ 21.9136, 27.2439,
25.9334

■ 21.9136, 27.2439,
25.9334

254.7356,
288.8361, 296.0501

■ 13.9097, 17.7565,
16.5485

■ 46.0831, 55.2750,
54.1502

■ 8.1392, 10.7753,
9.7546

■ 62.9793, 74.5875,
73.8193

■ 4.2367, 5.9159,
5.1331

■ 83.5704, 97.9438,
97.7534

■ 1.8369, 2.7940,
2.2654

■ 108.2217,
125.7282, 126.3713

■ 0.5397, 1.0252,
0.7118

137.2985,
158.3253, 160.0913

■ 0.0000, 0.0000,
0.0000

171.1661,

196.1194, 199.3321

210.1901,
239.4949, 244.5122

■ 21.9136, 27.2439,
25.9334

■ 21.9136, 27.2439,
25.9334

■ 19.6653, 26.1418,
23.2924

■ 24.5211, 28.5286,
28.7777

■ 17.7573, 25.2102,
20.8484

■ 27.5013, 30.0006,
31.8280

■ 16.1720, 24.4412,
18.5971

■ 30.8696, 31.6683,
35.0890

■ 14.8896, 23.8244,
16.5337

■ 34.6399, 33.5389,
38.5650

■ 13.8876, 23.3485,
14.6527

■ 38.8254, 35.6191,
42.2600

■ 13.1405, 23.0003,
12.9488

■ 43.4386, 37.9154,
46.1777

■ 12.6125, 22.7615,
11.4156

■ 48.4915, 40.4338,
50.3221

■ 12.4220, 22.6761,
10.8237

■ 53.9958, 43.1802,
54.6968

■ 59.9625, 46.1603,
59.3055

Harmonies

Analogous

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



23.0455, 27.2439, 21.2243



21.9136, 27.2439, 25.9334



21.8087, 27.2439, 32.3872

Triad

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



21.9136, 27.2439, 25.9334



26.8287, 27.2439, 43.8425



29.3162, 27.2439, 21.9677

Complementary

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



21.9136, 27.2439, 25.9334



22.6544, 19.8071, 24.1032

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.



30.4612, 27.2439, 27.0978



21.9136, 27.2439, 25.9334



28.9691, 27.2439, 40.0882

Square

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



21.9136, 27.2439, 25.9334



24.5568, 27.2439, 43.4076



30.3305, 27.2439, 33.7362



27.2799, 27.2439, 19.1787

Rectangle

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



21.9136, 27.2439, 25.9334



22.3268, 27.2439, 36.9016



30.3305, 27.2439, 33.7362



29.8234, 27.2439, 23.4406

Sweetspot

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



21.9144, 27.2450, 25.9340



47.9436, 53.0794, 55.6902



23.4299, 28.1696, 19.5322



10.7207, 11.9772, 12.4793



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.



21.9144, 27.2450, 25.9340



36.8351, 47.6076, 43.6589



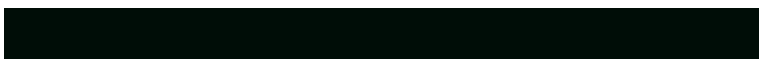
23.3356, 27.8135, 33.4181



6.2577, 6.9758, 7.2806



10.5817, 19.2961, 9.2838



0.1766, 0.2958, 0.2355

Inverse Universe

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



22.6544, 19.8071, 24.1032



38.3915, 31.9670, 39.8097



21.4822, 19.3382, 17.9302



6.3279, 6.2703, 7.1069



11.9109, 6.0186, 6.0560



0.1964, 0.0973, 0.1868

Previews

White Background



This preview shows how the XYZ color 21.9136, 27.2439, 25.9334 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 21.9136, 27.2439, 25.9334 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 21.9136, 27.2439, 25.9334

Background



This preview shows how black text looks on a background with the XYZ color 21.9136, 27.2439, 25.9334.



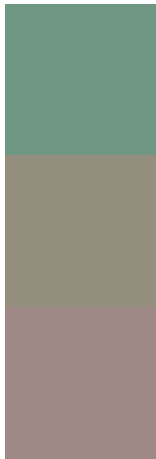
This preview shows how white text looks on a background with the XYZ color 21.9136, 27.2439,

25.9334.

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

21.9136, 27.2439, 25.9334

Protanopia

25.7165, 27.1742, 23.9684

Deuteranopia

27.4194, 26.9097, 26.6706



Tritanopia

24.0278, 27.1525, 36.7755

Trichromacy



Original Color

21.9136, 27.2439, 25.9334

Protanomaly

24.0795, 26.9867, 24.7087

Deuteranomaly

24.9606, 26.7300, 26.3981

Tritanomaly

23.0850, 26.9946, 32.4275

Monochromacy



Original Color

21.9136, 27.2439, 25.9334

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.9483, 25.6845, 26.6698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9136, 27.2439, 25.9334 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(112, 151, 132)` looks like.

```
.text, #text, p{  
    color:rgb(112, 151, 132)  
}
```

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(112, 151, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 151, 132) }
```

Border

The CSS property to change the border of an element to XYZ 21.9136, 27.2439, 25.9334 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(112, 151, 132) }
```


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

```
.border{ border-color:rgb(112, 151, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 151, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 151, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 151, 132);  
box-shadow:4px 4px 4px 4px rgb(112, 151,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9136, 27.2439, 25.9334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 151, 132) }
```

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

```
.background{ background-color: rgb(112,  
151, 132) }
```

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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