

Converting Colors

XYZ(27.0856, 24.7414, 44.8385)

Have a look what the booklet for
XYZ(27.0856, 24.7414, 44.8385)
contains.

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Color

**XYZ(27.1138, 24.7145,
44.9363)**

Conversions

Conversions Part 1

Format	Color
Hex	8F81B1
RGB	143, 129, 177
RGB Percent	56%, 51%, 69%
CMY	0.4392, 0.4941, 0.3059
CMYK	0.19, 0.27, 0.00, 0.31
HSL	257°, 24%, 60%
HSV	257°, 27%, 69%
XYZ	27.1138, 24.7145, 44.9363
YIQ	138.6580, -7.0640, 17.8960

Conversions

Conversions Part 2

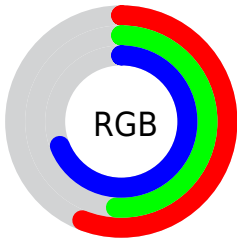
Format	Color
R_{YB}	143, 129, 177
Decimal	9404849
CIE _{Lab}	56.80, 15.37, -23.39
CIE _{LCh}	57, 27.991, 303.302
Y _{xy}	24.7145, 0.2802, 0.2554
Android (android.graphics.Color)	4287594929 (0xFF8F81B1)
YUV	138.6580, 18.9026, 3.8079
Hunter-Lab	49.7137, 10.3548, -18.7928

Details

The XYZ color **27.1138, 24.7145, 44.9363** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **34.7896, 40.8164, 26.8147**, and the grayscale version is **24.3416, 25.6092, 27.8885**.

A 20% lighter version of the original color is **54.4619, 51.2094, 84.1047**, and **10.9204, 9.4679, 20.3207** is the 20% darker color. If you saturate the color by 10%, you get **22.9308, 19.3921, 44.1299**, and if you desaturate by 10%, it is **31.9449, 30.9717, 45.8898**.

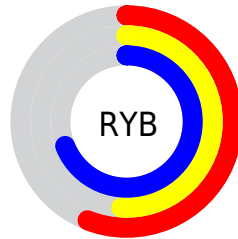
Distribution



Red (56%)

Green (51%)

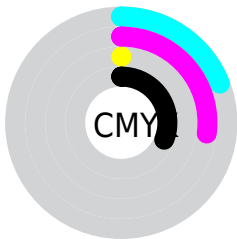
Blue (69%)



Red (56%)

Yellow (51%)

Blue (69%)

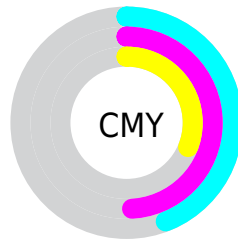


Cyan (19%)

Magenta (27%)

Yellow (0%)

Black (31%)



Cyan (44%)

Magenta (49%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1138, 24.7145, 44.9363 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 27.1138, 24.7145, 44.9363 by changing the saturation by 10% instead.

■ 27.1138, 24.7145,
44.9363

■ 27.1138, 24.7145,
44.9363

280.3652,
276.4131, 382.6681

■ 17.7957, 15.8645,
31.0647

■ 54.4850, 51.1937,
83.9423

■ 10.9022, 9.4283,
20.3892

■ 73.2689, 69.5916,
109.9137

■ 6.0679, 5.0216,
12.4914

■ 95.9388, 91.9410,
140.7554

■ 2.9275, 2.2599,
6.9527

122.8599,
118.6262, 176.8860

■ 1.1155, 0.7524,
3.3545

154.3978,
150.0316, 218.7241

■ 0.0381, 0.0000,
1.2784

190.9178,

■ 0.0000, 0.0000,

186.5417, 266.6881

0.0440

232.7851,
228.5407, 321.1966

■ 0.0000, 0.0000,
0.0000

■ 27.1138, 24.7145,
44.9363

■ 27.1138, 24.7145,
44.9363

■ 22.9308, 19.3921,
44.1299

■ 31.9449, 30.9717,
45.8898

■ 19.3646, 14.9557,
43.4615

■ 37.4486, 38.2032,
46.9956

■ 16.3852, 11.3567,
42.9239

■ 43.6509, 46.4499,
48.2605

■ 13.9584, 8.5404,
42.5081

■ 50.5760, 55.7494,
49.6905

■ 12.0466, 6.4452,
42.2045

■ 58.2465, 66.1376,
51.2913

10.6067, 5.0002,
42.0015

66.6842, 77.6483,
53.0684

9.5799, 4.1041,
41.8826

75.9102, 90.3141,
55.0268

9.3328, 3.8945,
41.8552

80.7629, 93.8031,
55.4445

84.9359, 95.9544,
55.6398

Harmonies

Analogous

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



23.8544, 24.7145, 49.1827



27.1138, 24.7145, 44.9363



29.5661, 24.7145, 35.8363

Triad

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



27.1138, 24.7145, 44.9363



26.4295, 24.7145, 13.8172



17.7567, 24.7145, 27.9603

Complementary

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



27.1138, 24.7145, 44.9363



34.7896, 40.8164, 26.8147

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.



18.3099, 24.7145, 19.6044



27.1138, 24.7145, 44.9363



23.1301, 24.7145, 12.6407

Square

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



27.1138, 24.7145, 44.9363



29.1460, 24.7145, 18.1858



20.2051, 24.7145, 14.4929



18.6183, 24.7145, 38.0548

Rectangle

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



27.1138, 24.7145, 44.9363



30.3034, 24.7145, 29.0648



20.2051, 24.7145, 14.4929



17.7837, 24.7145, 24.8642

Sweetspot

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



27.1146, 24.7155, 44.9369



66.0072, 67.0177, 83.9520



30.1582, 34.1789, 46.6031



13.9758, 14.0898, 18.1273



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.1146, 24.7155, 44.9369



43.6011, 37.9319, 79.5189



31.6388, 27.0478, 45.1486



8.2671, 8.3462, 10.6816



6.8155, 2.8493, 30.3277



0.2740, 0.1204, 0.9570

Inverse Universe

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



32.5933, 27.6929, 38.2786



55.3026, 44.2992, 64.9312



30.3998, 38.5533, 26.6093



8.7423, 8.6036, 10.1413



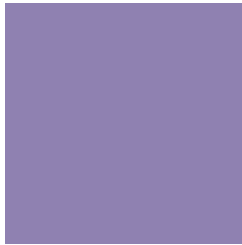
15.8637, 7.8630, 14.9741



0.5230, 0.2570, 0.5970

Previews

White Background



This preview shows how the XYZ color 27.1138, 24.7145, 44.9363 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 27.1138, 24.7145, 44.9363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

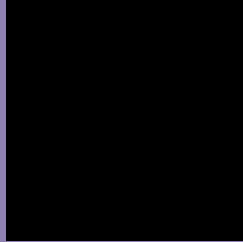
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1138, 24.7145, 44.9363

Background



This preview shows how black text looks on a background with the XYZ color 27.1138, 24.7145, 44.9363.



This preview shows how white text looks on a background with the XYZ color 27.1138, 24.7145,

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

27.1138, 24.7145, 44.9363

Protanopia

25.1728, 24.8751, 47.1907

Deuteranopia

25.2637, 24.7740, 44.5246



Tritanopia

24.1688, 24.7216, 30.6920

Trichromacy



Original Color

27.1138, 24.7145, 44.9363

Protanomaly

25.8317, 24.8162, 46.6085

Deuteranomaly

25.7606, 24.6237, 44.4694

Tritanomaly

25.1208, 24.6983, 35.3415

Monochromacy



Original Color

27.1138, 24.7145, 44.9363

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.2290, 25.2033, 33.6720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1138, 24.7145, 44.9363 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(143, 129, 177)` looks like.

```
.text, #text, p{  
    color:rgb(143, 129, 177)  
}
```

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(143, 129, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 129, 177) }
```

Border

The CSS property to change the border of an element to XYZ 27.1138, 24.7145, 44.9363 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(143, 129, 177) }
```


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

```
.border{ border-color:rgb(143, 129, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 129, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 129, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 129, 177); box-shadow:4px 4px 4px 4px rgb(143, 129, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1138, 24.7145, 44.9363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 129, 177) }
```

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

```
.background{ background-color: rgb(143,  
129, 177) }
```

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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