

Converting Colors

XYZ(27.8174, 26.0086, 49.7093)

Have a look what the booklet for
XYZ(27.8174, 26.0086, 49.7093)
contains.

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Color

**XYZ(27.7633, 25.9563,
49.4457)**

Conversions

Conversions Part 1

Format	Color
Hex	8A86B9
RGB	138, 134, 185
RGB Percent	54%, 53%, 73%
CMY	0.4588, 0.4745, 0.2745
CMYK	0.25, 0.28, 0.00, 0.27
HSL	245°, 27%, 63%
HSV	245°, 28%, 73%
XYZ	27.7633, 25.9563, 49.4457
YIQ	141.0100, -13.9870, 16.7090

Conversions

Conversions Part 2

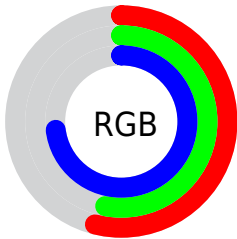
Format	Color
RYB	138, 134, 185
Decimal	9078457
CIELab	58.00, 12.81, -26.15
CIELCh	58, 29.117, 296.092
Yxy	25.9563, 0.2691, 0.2516
Android (android.graphics.Color)	4287268537 (0xFF8A86B9)
YUV	141.0100, 21.6871, -2.6398
Hunter-Lab	50.9473, 8.1142, -21.8794

Details

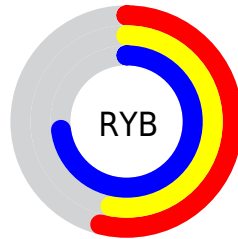
The XYZ color **27.7633, 25.9563, 49.4457** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.7089, 46.2435, 29.3357**, and the grayscale version is **25.2437, 26.5583, 28.9220**.

A 20% lighter version of the original color is **55.3857, 53.0980, 90.5489**, and **11.2657, 10.0328, 23.1726** is the 20% darker color. If you saturate the color by 10%, you get **22.8238, 19.9409, 48.5454**, and if you desaturate by 10%, it is **33.5946, 33.0966, 50.5170**.

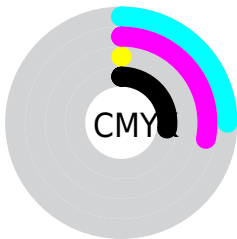
Distribution



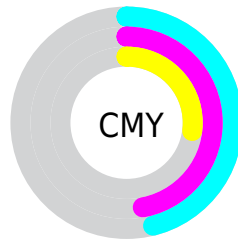
- Red (54%)
- Green (53%)
- Blue (73%)



- Red (54%)
- Yellow (53%)
- Blue (73%)



- Cyan (25%)
- Magenta (28%)
- Yellow (0%)
- Black (27%)



- Cyan (46%)
- Magenta (47%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7633, 25.9563, 49.4457 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 27.7633, 25.9563, 49.4457 by changing the saturation by 10% instead.

■ 27.7633, 25.9563,
49.4457

■ 27.7633, 25.9563,
49.4457

283.4348,
282.5675, 401.1671

■ 18.2868, 16.7910,
34.6051

■ 55.5176, 53.2044,
90.7409

■ 11.2571, 10.0856,
23.0777

■ 74.5262, 72.0560,
118.0325

■ 6.3086, 5.4557,
14.4451

■ 97.4428, 94.9051,
150.3116

■ 3.0760, 2.5171,
8.2886

124.6329,
122.1362, 187.9966

■ 1.1941, 0.8852,
4.1897

156.4618,
154.1335, 231.5061

■ 0.1017, 0.0000,
1.7300

193.2948,

■ 0.0000, 0.0000,

191.2816, 281.2587

0.3812

235.4974,
233.9648, 337.6728

■ 0.0000, 0.0000,
0.0000

■ 27.7633, 25.9563,
49.4457

■ 27.7633, 25.9563,
49.4457

■ 22.8238, 19.9409,
48.5454

■ 33.5946, 33.0966,
50.5170

■ 18.7297, 14.9900,
47.8056

■ 40.3560, 41.4119,
51.7657

■ 15.4342, 11.0426,
47.2173

■ 48.0867, 50.9530,
53.1998

■ 12.8848, 8.0297,
46.7701

■ 56.8228, 61.7666,
54.8266

■ 11.0228, 5.8740,
46.4522

■ 66.5987, 73.8973,
56.6528

■ 9.7808, 4.4855,
46.2496

■ 77.4471, 87.3873,
58.6849

■ 9.0678, 3.7356,
46.1425

■ 85.7570, 96.2828,
59.9639

■ 8.9461, 3.6003,
46.1228

Harmonies

Analogous

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



24.2131, 25.9563, 52.2969



27.7633, 25.9563, 49.4457



30.7139, 25.9563, 40.4894

Triad

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



27.7633, 25.9563, 49.4457



28.6351, 25.9563, 15.0522



18.5251, 25.9563, 26.9637

Complementary

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



27.7633, 25.9563, 49.4457



40.7089, 46.2435, 29.3357

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.



19.4772, 25.9563, 18.7833



27.7633, 25.9563, 49.4457



25.1340, 25.9563, 13.0187

Square

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



27.7633, 25.9563, 49.4457



31.2498, 25.9563, 20.5770



21.8167, 25.9563, 14.2023



19.0866, 25.9563, 37.6556

Rectangle

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



27.7633, 25.9563, 49.4457



31.8276, 25.9563, 33.1728



21.8167, 25.9563, 14.2023



18.6762, 25.9563, 23.8615

Sweetspot

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



27.7642, 25.9573, 49.4463



71.5473, 73.2693, 92.5761



35.2354, 41.8641, 52.1228



15.0121, 15.2879, 19.8813



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.7642, 25.9573, 49.4463



44.2531, 39.8172, 87.5577



32.3667, 28.3300, 49.6617



8.5846, 8.7522, 11.3163



6.1171, 2.4647, 31.4064



0.2377, 0.0983, 1.1082

Inverse Universe

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



36.8740, 30.7017, 47.6995



63.2874, 49.7343, 83.7277



35.3825, 43.4977, 29.0864



9.3497, 9.1503, 11.1891



18.6080, 9.0170, 26.8864



0.6650, 0.3215, 0.9955

Previews

White Background



This preview shows how the XYZ color 27.7633, 25.9563, 49.4457 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 27.7633, 25.9563, 49.4457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

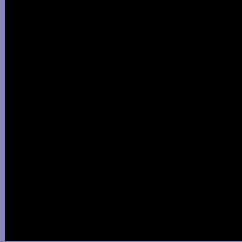
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7633, 25.9563, 49.4457

Background



This preview shows how black text looks on a background with the XYZ color 27.7633, 25.9563, 49.4457.



This preview shows how white text looks on a background with the XYZ color 27.7633, 25.9563,

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

27.7633, 25.9563, 49.4457

Protanopia

26.6230, 26.1678, 51.2247

Deuteranopia

26.4995, 25.9412, 48.9579



Tritanopia

24.3241, 25.8158, 32.9791

Trichromacy



Original Color

27.7633, 25.9563, 49.4457

Protanomaly

27.1212, 26.2250, 50.6462

Deuteranomaly

26.9716, 25.9745, 48.9394

Tritanomaly

25.5309, 25.8896, 38.3019

Monochromacy



Original Color

27.7633, 25.9563, 49.4457

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.9895, 26.1867, 35.5830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7633, 25.9563, 49.4457 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(138, 134, 185)` looks like.

```
.text, #text, p{  
    color:rgb(138, 134, 185)  
}
```

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(138, 134, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 134, 185) }
```

Border

The CSS property to change the border of an element to XYZ 27.7633, 25.9563, 49.4457 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(138, 134, 185) }
```


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

```
.border{ border-color:rgb(138, 134, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 134, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 134, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 134, 185);  
box-shadow:4px 4px 4px 4px rgb(138, 134,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7633, 25.9563, 49.4457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 134, 185) }
```

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

```
.background{ background-color: rgb(138,  
134, 185) }
```

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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