

Converting Colors

XYZ(27.5466, 24.7661, 48.4565)

Have a look what the booklet for
XYZ(27.5466, 24.7661, 48.4565)
contains.

XYZ(27.6573, 24.9120, 48.6982)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.6573, 24.9120,
48.6982)**

Conversions

Conversions Part 1

Format	Color
Hex	8E81B8
RGB	142, 129, 184
RGB Percent	56%, 51%, 72%
CMY	0.4431, 0.4941, 0.2784
CMYK	0.23, 0.30, 0.00, 0.28
HSL	254°, 28%, 61%
HSV	254°, 30%, 72%
XYZ	27.6573, 24.9120, 48.6982
YIQ	139.1570, -9.9070, 19.8610

Conversions

Conversions Part 2

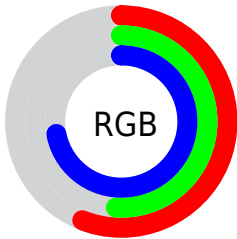
Format	Color
R_{YB}	142, 129, 184
Decimal	9339320
CIE _{Lab}	56.99, 16.72, -27.11
CIE _{LCh}	57, 31.847, 301.668
Yxy	24.9120, 0.2731, 0.2460
Android (android.graphics.Color)	4287529400 (0xFF8E81B8)
YUV	139.1570, 22.1076, 2.4933
Hunter-Lab	49.9119, 11.5649, -22.9099

Details

The XYZ color **27.6573, 24.9120, 48.6982** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.8983, 44.5245, 27.3666**, and the grayscale version is **24.5220, 25.7990, 28.0952**.

A 20% lighter version of the original color is **55.2211, 51.4829, 89.4648**, and **11.2798, 9.6002, 22.7312** is the 20% darker color. If you saturate the color by 10%, you get **23.1877, 19.3285, 47.8565**, and if you desaturate by 10%, it is **32.8689, 31.5270, 49.7008**.

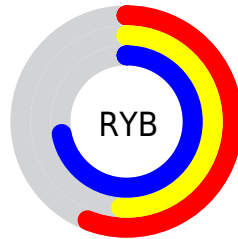
Distribution



Red (56%)

Green (51%)

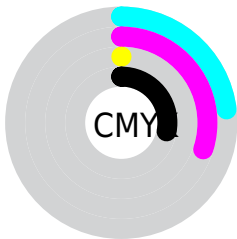
Blue (72%)



Red (56%)

Yellow (51%)

Blue (72%)

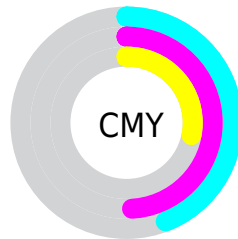


Cyan (23%)

Magenta (30%)

Yellow (0%)

Black (28%)



Cyan (44%)

Magenta (49%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6573, 24.9120, 48.6982 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 27.6573, 24.9120, 48.6982 by changing the saturation by 10% instead.

■ 27.6573, 24.9120,
48.6982

■ 27.6573, 24.9120,
48.6982

282.9356,
277.3994, 398.1412

■ 18.2066, 16.0115,
34.0162

■ 55.3493, 51.5144,
89.6194

■ 11.1990, 9.5323,
22.6286

■ 74.3214, 69.9851,
116.6957

■ 6.2691, 5.0900,
14.1168

■ 97.1979, 92.4147,
148.7405

■ 3.0516, 2.3002,
8.0623

124.3443,
119.1876, 186.1724

■ 1.1811, 0.7738,
4.0465

156.1259,
150.6881, 229.4098

■ 0.0914, 0.0000,
1.6509

192.9081,

■ 0.0000, 0.0000,

187.3006, 278.8714

0.3267

235.0562,
229.4096, 334.9757

■ 0.0000, 0.0000,
0.0000

■ 27.6573, 24.9120,
48.6982

■ 27.6573, 24.9120,
48.6982

■ 23.1877, 19.3285,
47.8565

■ 32.8689, 31.5270,
49.7008

■ 19.4229, 14.7209,
47.1655

■ 38.8524, 39.2193,
50.8702

■ 16.3262, 11.0327,
46.6169

■ 45.6390, 48.0358,
52.2142

■ 13.8563, 8.2003,
46.2003

■ 53.2574, 58.0193,
53.7397

■ 11.9671, 6.1520,
45.9045

■ 61.7349, 69.2108,
55.4531

■ 10.6053, 4.8036,
45.7160

■ 71.0976, 81.6490,
57.3604

■ 9.6775, 3.9927,
45.6084

■ 80.4693, 93.5691,
59.1673

■ 9.6687, 3.9850,
45.6074

■ 85.4355, 96.1292,
59.3997

■ 85.6518, 96.2407,
59.4098

Harmonies

Analogous

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



23.8880, 24.9120, 53.3557



27.6573, 24.9120, 48.6982



30.5880, 24.9120, 38.1189

Triad

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



27.6573, 24.9120, 48.6982



27.2572, 24.9120, 12.7364



17.1933, 24.9120, 27.7287

Complementary

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



27.6573, 24.9120, 48.6982



37.8983, 44.5245, 27.3666

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.



17.8961, 24.9120, 18.4785



27.6573, 24.9120, 48.6982



23.4694, 24.9120, 11.3084

Square

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



27.6573, 24.9120, 48.6982



30.3405, 24.9120, 17.6863



20.1002, 24.9120, 13.1019



18.0703, 24.9120, 39.4363

Rectangle

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



27.6573, 24.9120, 48.6982



31.5292, 24.9120, 30.2199



20.1002, 24.9120, 13.1019



17.2522, 24.9120, 24.2488

Sweetspot

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



27.6581, 24.9130, 48.6988



71.2891, 72.2060, 92.3844



32.3002, 37.3174, 50.8484



15.0074, 15.0995, 19.8451



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.



27.6581, 24.9130, 48.6988



44.5536, 38.1658, 87.2231



32.9366, 27.6341, 48.9458



8.7145, 8.8192, 11.3224



6.7172, 2.7741, 31.4345



0.2932, 0.1269, 1.1108

Inverse Universe

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



34.9689, 28.8321, 42.2511



60.1179, 46.5196, 73.0389



32.5472, 41.7659, 27.1162



9.2877, 9.1254, 10.8624



16.9403, 8.3499, 18.1040



0.6195, 0.3033, 0.7560

Previews

White Background



This preview shows how the XYZ color 27.6573, 24.9120, 48.6982 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 27.6573, 24.9120, 48.6982 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 27.6573, 24.9120, 48.6982

Background



This preview shows how black text looks on a background with the XYZ color 27.6573, 24.9120, 48.6982.



This preview shows how white text looks on a background with the XYZ color 27.6573, 24.9120,

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

27.6573, 24.9120, 48.6982

Protanopia

25.7344, 25.0670, 51.6262

Deuteranopia

25.6687, 25.1068, 48.2930



Tritanopia

24.0623, 24.8658, 31.1351

Trichromacy



Original Color

27.6573, 24.9120, 48.6982

Protanomaly

26.4104, 25.0300, 50.4530

Deuteranomaly

26.2948, 25.0192, 48.2431

Tritanomaly

25.2139, 24.7164, 36.6995

Monochromacy



Original Color

27.6573, 24.9120, 48.6982

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.3956, 25.2700, 34.5494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6573, 24.9120, 48.6982 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(142, 129, 184)` looks like.

```
.text, #text, p{  
    color:rgb(142, 129, 184)  
}
```

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(142, 129, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 129, 184) }
```

Border

The CSS property to change the border of an element to XYZ 27.6573, 24.9120, 48.6982 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(142, 129, 184) }
```


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

```
.border{ border-color:rgb(142, 129, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 129, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 129, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 129, 184);  
box-shadow:4px 4px 4px 4px rgb(142, 129,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6573, 24.9120, 48.6982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 129, 184) }
```

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

```
.background{ background-color: rgb(142,  
129, 184) }
```

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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