

Converting Colors

XYZ(27.7423, 24.1868, 50.6983)

Have a look what the booklet for
XYZ(27.7423, 24.1868, 50.6983)
contains.

XYZ(27.7384, 24.1377, 50.7740)	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(27.7384, 24.1377,
50.7740)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7DBC
RGB	143, 125, 188
RGB Percent	56%, 49%, 74%
CMY	0.4392, 0.5098, 0.2627
CMYK	0.24, 0.34, 0.00, 0.26
HSL	257°, 32%, 61%
HSV	257°, 34%, 74%
XYZ	27.7384, 24.1377, 50.7740
YIQ	137.5640, -9.4950, 23.4090

Conversions

Conversions Part 2

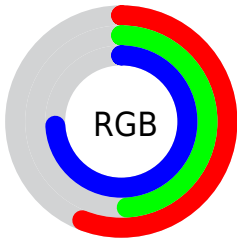
Format	Color
R_{YB}	143, 125, 188
Decimal	9403836
CIE _{Lab}	56.23, 20.34, -30.57
CIE _{LCh}	56, 36.713, 303.638
Yxy	24.1377, 0.2702, 0.2351
Android (android.graphics.Color)	4287593916 (0xFF8F7DBC)
YUV	137.5640, 24.8649, 4.7674
Hunter-Lab	49.1301, 14.8016, -26.8827

Details

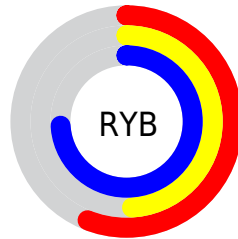
The XYZ color **27.7384, 24.1377, 50.7740** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **38.2631, 45.9937, 26.2640**, and the grayscale version is **23.9033, 25.1482, 27.3864**.

A 20% lighter version of the original color is **55.5382, 50.3782, 92.3847**, and **11.2019, 9.1143, 23.7231** is the 20% darker color. If you saturate the color by 10%, you get **23.3928, 18.6930, 49.9525**, and if you desaturate by 10%, it is **32.8144, 30.6287, 51.7598**.

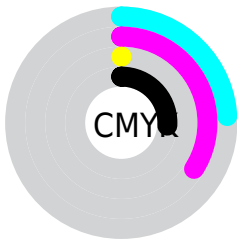
Distribution



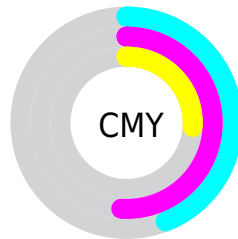
- Red (56%)
- Green (49%)
- Blue (74%)



- Red (56%)
- Yellow (49%)
- Blue (74%)



- Cyan (24%)
- Magenta (34%)
- Yellow (0%)
- Black (26%)



- Cyan (44%)
- Magenta (51%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7384, 24.1377, 50.7740 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 27.7384, 24.1377, 50.7740 by changing the saturation by 10% instead.

■ 27.7384, 24.1377,
50.7740

■ 27.7384, 24.1377,
50.7740

283.3176,
273.5159, 406.5065

■ 18.2680, 15.4358,
35.6533

■ 55.4781, 50.2548,
92.7287

■ 11.2434, 9.1258,
23.8790

■ 74.4781, 68.4388,
120.3998

■ 6.2993, 4.8233,
15.0325

■ 97.3853, 90.5523,
153.0914

■ 3.0703, 2.1440,
8.6953

124.5651,
116.9797, 191.2221

■ 1.1910, 0.6892,
4.4489

156.3829,
148.1053, 235.2104

■ 0.0993, 0.0000,
1.8747

193.2040,

■ 0.0000, 0.0000,

184.3137, 285.4749

0.4766

235.3938,
225.9891, 342.4341

■ 0.0000, 0.0000,
0.0000

■ 27.7384, 24.1377,
50.7740

■ 27.7384, 24.1377,
50.7740

■ 23.3928, 18.6930,
49.9525

■ 32.8144, 30.6287,
51.7598

■ 19.7398, 14.2356,
49.2847

■ 38.6512, 38.2149,
52.9164

■ 16.7420, 10.7052,
48.7613

■ 45.2802, 46.9454,
54.2522

■ 14.3568, 8.0333,
48.3712

■ 52.7304, 56.8657,
55.7743

■ 12.5365, 6.1417,
48.1021

■ 61.0293, 68.0186,
57.4896

■ 11.2248, 4.9369,
47.9386

■ 70.2030, 80.4447,
59.4046

■ 10.5832, 4.4073,
47.8702

■ 79.7631, 93.1558,
61.3543

■ 84.4162, 95.5546,
61.5720

■ 86.0772, 96.4109,
61.6497

Harmonies

Analogous

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



23.4610, 24.1377, 56.9756



27.7384, 24.1377, 50.7740



31.0102, 24.1377, 38.0141

Triad

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



27.7384, 24.1377, 50.7740



26.7383, 24.1377, 10.4713



15.7578, 24.1377, 27.7845

Complementary

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



27.7384, 24.1377, 50.7740



38.2631, 45.9937, 26.2640

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.



16.4110, 24.1377, 17.2522



27.7384, 24.1377, 50.7740



22.4310, 24.1377, 9.2395

Square

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



27.7384, 24.1377, 50.7740



30.3849, 24.1377, 15.3937



18.7333, 24.1377, 11.2904



16.8264, 24.1377, 41.3758

Rectangle

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



27.7384, 24.1377, 50.7740



31.9912, 24.1377, 28.9428



18.7333, 24.1377, 11.2904



15.7840, 24.1377, 23.7892

Sweetspot

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



27.7392, 24.1387, 50.7746



73.9060, 74.3169, 96.6755



31.9381, 36.7973, 52.9966



15.5404, 15.5183, 20.7188



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



27.7392, 24.1387, 50.7746



44.5131, 36.5079, 90.9268



33.9451, 27.3379, 51.0650



9.2657, 9.3538, 11.9893



7.2699, 3.0339, 32.5953



0.3515, 0.1533, 1.2799

Inverse Universe

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



35.3290, 28.2617, 41.6239



60.5029, 45.2072, 71.0619



32.2747, 42.9066, 25.9837



9.8106, 9.6485, 11.3914



17.0968, 8.4699, 16.3355



0.6965, 0.3425, 0.7813

Previews

White Background



This preview shows how the XYZ color 27.7384, 24.1377, 50.7740 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 27.7384, 24.1377, 50.7740 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 27.7384, 24.1377, 50.7740

Background



This preview shows how black text looks on a background with the XYZ color 27.7384, 24.1377, 50.7740.



This preview shows how white text looks on a background with the XYZ color 27.7384, 24.1377,

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

27.7384, 24.1377, 50.7740

Protanopia

25.1954, 24.3149, 54.4042

Deuteranopia

24.7217, 24.1718, 49.8170



Tritanopia

23.5508, 24.2147, 29.8182

Trichromacy



Original Color

27.7384, 24.1377, 50.7740

Protanomaly

25.9545, 24.1310, 53.1590

Deuteranomaly

25.7047, 24.0651, 50.3040

Tritanomaly

24.9427, 24.1739, 36.6091

Monochromacy



Original Color

27.7384, 24.1377, 50.7740

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.2035, 24.7508, 34.9015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7384, 24.1377, 50.7740 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, 125, 188)` looks like.

```
.text, #text, p{  
    color:rgb(143, 125, 188)  
}
```

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, 125, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 125, 188) }
```

Border

The CSS property to change the border of an element to XYZ 27.7384, 24.1377, 50.7740 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, 125, 188) }
```


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

```
.border{ border-color:rgb(143, 125, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 125, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 125, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 125, 188); box-shadow:4px 4px 4px 4px rgb(143, 125, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7384, 24.1377, 50.7740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 125, 188) }
```

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

```
.background{ background-color: rgb(143,  
125, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor