

Converting Colors

XYZ(27.4377, 24.4181, 52.7033)

Have a look what the booklet for
XYZ(27.4377, 24.4181, 52.7033)
contains.

XYZ(27.4397, 24.5183, 52.5765)	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(27.4397, 24.5183,
52.5765)**

Conversions

Conversions Part 1

Format	Color
Hex	8980BF
RGB	137, 128, 191
RGB Percent	54%, 50%, 75%
CMY	0.4627, 0.4980, 0.2510
CMYK	0.28, 0.33, 0.00, 0.25
HSL	249°, 33%, 63%
HSV	249°, 33%, 75%
XYZ	27.4397, 24.5183, 52.5765
YIQ	137.8730, -14.8590, 21.5010

Conversions

Conversions Part 2

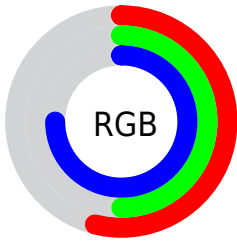
Format	Color
R_{YB}	137, 128, 191
Decimal	9011391
CIE _{Lab}	56.60, 17.51, -31.73
CIE _{LCh}	57, 36.242, 298.899
Yxy	24.5183, 0.2625, 0.2345
Android (android.graphics.Color)	4287201471 (0xFF8980BF)
YUV	137.8730, 26.1916, -0.7656
Hunter-Lab	49.5160, 12.2644, -28.2935

Details

The XYZ color **27.4397, 24.5183, 52.5765** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.8190, 48.7657, 27.6316**, and the grayscale version is **24.0172, 25.2680, 27.5169**.

A 20% lighter version of the original color is **55.2054, 51.0315, 95.7474**, and **11.0577, 9.3294, 24.8849** is the 20% darker color. If you saturate the color by 10%, you get **22.6959, 18.7165, 51.7071**, and if you desaturate by 10%, it is **33.0614, 31.4698, 53.6224**.

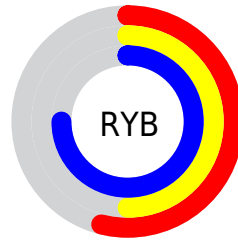
Distribution



Red (54%)

Green (50%)

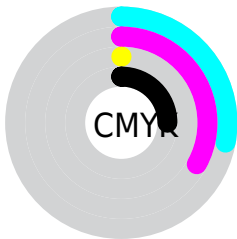
Blue (75%)



Red (54%)

Yellow (50%)

Blue (75%)

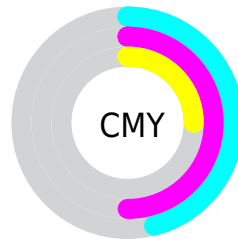


Cyan (28%)

Magenta (33%)

Yellow (0%)

Black (25%)



Cyan (46%)

Magenta (50%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4397, 24.5183, 52.5765 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 27.4397, 24.5183, 52.5765 by changing the saturation by 10% instead.

■ 27.4397, 24.5183,
52.5765

■ 27.4397, 24.5183,
52.5765

281.9087,
275.4305, 413.6783

■ 18.0420, 15.7185,
37.0794

■ 55.0036, 50.8747,
95.4161

■ 11.0800, 9.3252,
24.9727

■ 73.9005, 69.2001,
123.5957

■ 6.1884, 4.9539,
15.8379

■ 96.6945, 91.4695,
156.8399

■ 3.0017, 2.2202,
9.2564

123.7510,
118.0673, 195.5672

■ 1.1547, 0.7310,
4.8097

155.4353,
149.3779, 240.1961

■ 0.0701, 0.0000,
2.0793

192.1127,

■ 0.0000, 0.0000,

185.7857, 291.1453

0.6034

234.1488,
227.6751, 348.8332

■ 0.0000, 0.0000,
0.0000

■ 27.4397, 24.5183,
52.5765

■ 27.4397, 24.5183,
52.5765

■ 22.6959, 18.7165,
51.7071

■ 33.0614, 31.4698,
53.6224

■ 18.7827, 13.9993,
51.0028

■ 39.5998, 39.6256,
54.8520

■ 15.6524, 10.2996,
50.4537

■ 47.0946, 49.0402,
56.2742

■ 13.2510, 7.5415,
50.0479

■ 55.5823, 59.7640,
57.8967

■ 11.5177, 5.6383,
49.7719

■ 65.0976, 71.8445,
59.7270

■ 10.3814, 4.4868,
49.6095

■ 75.6733, 85.3270,
61.7720

■ 9.8637, 3.9986,
49.5426

■ 85.1651, 95.9029,
63.3131

■ 86.4041, 96.5416,
63.3711

Harmonies

Analogous

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



23.1487, 24.5183, 57.2379



27.4397, 24.5183, 52.5765



30.9467, 24.5183, 40.5543

Triad

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



27.4397, 24.5183, 52.5765



27.7413, 24.5183, 11.3571



16.1101, 24.5183, 26.2532

Complementary

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



27.4397, 24.5183, 52.5765



41.8190, 48.7657, 27.6316

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.



17.0360, 24.5183, 16.4207



27.4397, 24.5183, 52.5765



23.4598, 24.5183, 9.5763

Square

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



27.4397, 24.5183, 52.5765



31.1350, 24.5183, 16.9853



19.6061, 24.5183, 11.1069



16.9101, 24.5183, 39.5430

Rectangle

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



27.4397, 24.5183, 52.5765



32.1859, 24.5183, 31.4143



19.6061, 24.5183, 11.1069



16.2277, 24.5183, 22.4760

Sweetspot

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



27.4406, 24.5193, 52.5771



74.5382, 75.4997, 98.9234



35.1578, 42.0536, 55.5548



15.9642, 16.0729, 21.6463



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



27.4406, 24.5193, 52.5771



42.5081, 35.7843, 92.9458



33.2511, 27.5147, 52.8490



9.1399, 9.2890, 11.9834



6.5241, 2.6494, 32.5604



0.2968, 0.1250, 1.2773

Inverse Universe

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



37.6491, 29.8929, 48.0419



63.8744, 47.0420, 82.9655



35.3089, 45.4096, 27.3270



9.8698, 9.6722, 11.7031



18.5297, 9.0430, 23.8805



0.7421, 0.3607, 1.0212

Previews

White Background



This preview shows how the XYZ color 27.4397, 24.5183, 52.5765 looks on a white background.

Color Contrast Check

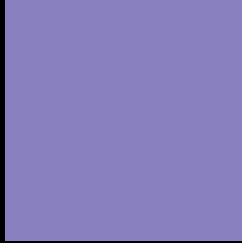
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4397, 24.5183, 52.5765 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 27.4397, 24.5183, 52.5765

Background



This preview shows how black text looks on a background with the XYZ color 27.4397, 24.5183, 52.5765.



This preview shows how white text looks on a background with the XYZ color 27.4397, 24.5183,

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

27.4397, 24.5183, 52.5765

Protanopia

25.6914, 24.7487, 55.6475

Deuteranopia

25.1555, 24.5498, 52.1279



Tritanopia

23.1142, 24.5871, 31.1313

Trichromacy



Original Color

27.4397, 24.5183, 52.5765

Protanomaly

26.3010, 24.6827, 54.4170

Deuteranomaly

25.8577, 24.5053, 52.0823

Tritanomaly

24.4960, 24.5198, 38.0921

Monochromacy



Original Color

27.4397, 24.5183, 52.5765

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.0921, 24.8878, 35.3796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4397, 24.5183, 52.5765 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(137, 128, 191)` looks like.

```
.text, #text, p{  
    color:rgb(137, 128, 191)  
}
```

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(137, 128, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 128, 191) }
```

Border

The CSS property to change the border of an element to XYZ 27.4397, 24.5183, 52.5765 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(137, 128, 191) }
```


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

```
.border{ border-color:rgb(137, 128, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 128, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 128, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 128, 191);  
box-shadow:4px 4px 4px 4px rgb(137, 128,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4397, 24.5183, 52.5765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 128, 191) }
```

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

```
.background{ background-color: rgb(137,  
128, 191) }
```

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