

Converting Colors

XYZ(27.7670, 23.9277, 52.4452)

Have a look what the booklet for
XYZ(27.7670, 23.9277, 52.4452)
contains.

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Color

**XYZ(27.7670, 23.9277,
52.4452)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7CBF
RGB	142, 124, 191
RGB Percent	56%, 49%, 75%
CMY	0.4431, 0.5137, 0.2510
CMYK	0.26, 0.35, 0.00, 0.25
HSL	256°, 34%, 62%
HSV	256°, 35%, 75%
XYZ	27.7670, 23.9277, 52.4452
YIQ	137.0200, -10.7790, 24.6530

Conversions

Conversions Part 2

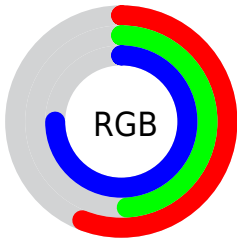
Format	Color
R_{YB}	142, 124, 191
Decimal	9338047
CIE _{Lab}	56.02, 21.36, -32.61
CIE _{LCh}	56, 38.982, 303.220
Yxy	23.9277, 0.2666, 0.2298
Android (android.graphics.Color)	4287528127 (0xFF8E7CBF)
YUV	137.0200, 26.6121, 4.3675
Hunter-Lab	48.9159, 15.7221, -29.3266

Details

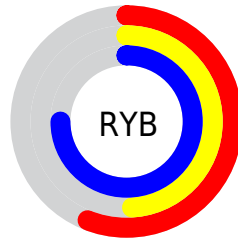
The XYZ color **27.7670, 23.9277, 52.4452** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **39.5030, 47.6015, 26.1757**, and the grayscale version is **23.6917, 24.9255, 27.1439**.

A 20% lighter version of the original color is **55.6914, 50.0919, 95.5404**, and **11.2479, 9.0120, 24.8136** is the 20% darker color. If you saturate the color by 10%, you get **23.3529, 18.4368, 51.6184**, and if you desaturate by 10%, it is **32.9467, 30.5025, 53.4417**.

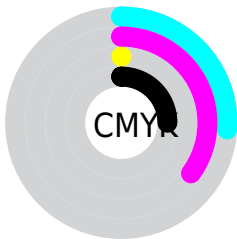
Distribution



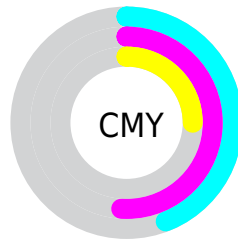
- Red (56%)
- Green (49%)
- Blue (75%)



- Red (56%)
- Yellow (49%)
- Blue (75%)



- Cyan (26%)
- Magenta (35%)
- Yellow (0%)
- Black (25%)



- Cyan (44%)
- Magenta (51%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7670, 23.9277, 52.4452 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 27.7670, 23.9277, 52.4452 by changing the saturation by 10% instead.

■ 27.7670, 23.9277,
52.4452

■ 27.7670, 23.9277,
52.4452

283.4522,
272.4548, 413.1587

■ 18.2897, 15.2800,
36.9754

■ 55.5235, 49.9122,
95.2207

■ 11.2591, 9.0161,
24.8928

■ 74.5333, 68.0178,
123.3635

■ 6.3100, 4.7517,
15.7789

■ 97.4514, 90.0448,
156.5677

■ 3.0769, 2.1023,
9.2152

124.6430,
116.3776, 195.2519

■ 1.1946, 0.6659,
4.7831

156.4735,
147.4006, 239.8345

■ 0.1021, 0.0000,
2.0640

193.3083,

■ 0.0000, 0.0000,

183.4982, 290.7342

0.5942

235.5128,
225.0548, 348.3694

■ 0.0000, 0.0000,
0.0000

■ 27.7670, 23.9277,
52.4452

■ 27.7670, 23.9277,
52.4452

■ 23.3529, 18.4368,
51.6184

■ 32.9467, 30.5025,
53.4417

■ 19.6641, 13.9675,
50.9502

■ 38.9247, 38.2132,
54.6149

■ 16.6598, 10.4555,
50.4306

■ 45.7348, 47.1118,
55.9736

■ 14.2944, 7.8277,
50.0481

■ 53.4081, 57.2462,
57.5253

■ 12.5157, 6.0000,
49.7891

■ 61.9739, 68.6617,
59.2772

■ 11.2622, 4.8710,
49.6372

■ 71.4603, 81.4012,
61.2362

■ 10.7852, 4.4736,
49.5856

■ 81.0255, 93.7689,
63.1193

■ 85.9461, 96.3055,
63.3496

■ 86.4040, 96.5416,
63.3710

Harmonies

Analogous

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



23.2272, 23.9277, 59.0350



27.7670, 23.9277, 52.4452



31.2813, 23.9277, 38.7472

Triad

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



27.7670, 23.9277, 52.4452



26.8257, 23.9277, 9.7130



15.2157, 23.9277, 27.4559

Complementary

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



27.7670, 23.9277, 52.4452



39.5030, 47.6015, 26.1757

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.



15.9189, 23.9277, 16.4872



27.7670, 23.9277, 52.4452



22.2647, 23.9277, 8.4307

Square

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



27.7670, 23.9277, 52.4452



30.6899, 23.9277, 14.7894



18.3640, 23.9277, 10.4445



16.3013, 23.9277, 41.9415

Rectangle

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



27.7670, 23.9277, 52.4452



32.3559, 23.9277, 29.0589



18.3640, 23.9277, 10.4445



15.2512, 23.9277, 23.2622

Sweetspot

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



27.7678, 23.9286, 52.4458



74.2941, 74.4021, 98.7245



32.6860, 37.9857, 54.8998



15.9550, 15.8695, 21.6075



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.



27.7678, 23.9286, 52.4458



43.6108, 35.2212, 92.7790



34.3739, 27.3342, 52.7549



9.2506, 9.3460, 11.9886



7.1546, 2.9744, 32.5899



0.3450, 0.1499, 1.2796

Inverse Universe

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



36.2369, 28.5096, 43.1286



61.2176, 44.7597, 72.7344



33.0231, 44.2610, 25.8724



9.8176, 9.6513, 11.4284



17.2508, 8.5315, 17.1462



0.7016, 0.3445, 0.8079

Previews

White Background



This preview shows how the XYZ color 27.7670, 23.9277, 52.4452 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 27.7670, 23.9277, 52.4452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

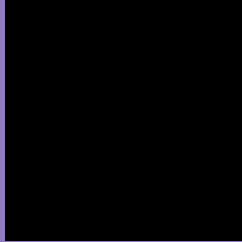
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7670, 23.9277, 52.4452

Background



This preview shows how black text looks on a background with the XYZ color 27.7670, 23.9277, 52.4452.



This preview shows how white text looks on a background with the XYZ color 27.7670, 23.9277,

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

27.7670, 23.9277, 52.4452

Protanopia

25.1264, 24.0245, 56.7390

Deuteranopia

24.6431, 24.0940, 51.4959



Tritanopia

23.2320, 24.0504, 29.8033

Trichromacy



Original Color

27.7670, 23.9277, 52.4452

Protanomaly

25.8690, 23.8516, 54.8701

Deuteranomaly

25.7343, 24.0429, 51.9996

Tritanomaly

24.5690, 23.7727, 37.0119

Monochromacy



Original Color

27.7670, 23.9277, 52.4452

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.9845, 24.4258, 35.2961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7670, 23.9277, 52.4452 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, 124, 191)` looks like.

```
.text, #text, p{  
    color:rgb(142, 124, 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(142, 124, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 124, 191) }
```

Border

The CSS property to change the border of an element to XYZ 27.7670, 23.9277, 52.4452 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, 124, 191) }
```


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

```
.border{ border-color:rgb(142, 124, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 124, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 124, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 124, 191);  
box-shadow:4px 4px 4px 4px rgb(142, 124,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7670, 23.9277, 52.4452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 124, 191) }
```

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

```
.background{ background-color: rgb(142,  
124, 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](#).

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