

Converting Colors

XYZ(27.9054, 22.6246, 52.7722)

Have a look what the booklet for
XYZ(27.9054, 22.6246, 52.7722)
contains.

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Color

**XYZ(27.7924, 22.4996,
52.7472)**

Conversions

Conversions Part 1

Format	Color
Hex	9374C0
RGB	147, 116, 192
RGB Percent	58%, 45%, 75%
CMY	0.4235, 0.5451, 0.2471
CMYK	0.23, 0.40, 0.00, 0.25
HSL	264°, 38%, 60%
HSV	264°, 40%, 75%
XYZ	27.7924, 22.4996, 52.7472
YIQ	133.9330, -5.9200, 30.2080

Conversions

Conversions Part 2

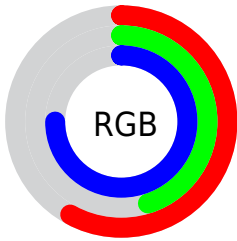
Format	Color
RYB	147, 116, 192
Decimal	9663680
CIELab	54.55, 27.76, -35.43
CIELCh	55, 45.012, 308.077
Yxy	22.4996, 0.2697, 0.2184
Android (android.graphics.Color)	4287853760 (0xFF9374C0)
YUV	133.9330, 28.6270, 11.4598
Hunter-Lab	47.4337, 21.5777, -32.7280

Details

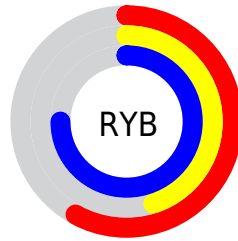
The XYZ color **27.7924, 22.4996, 52.7472** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **36.7006, 46.5378, 23.5723**, and the grayscale version is **22.5359, 23.7095, 25.8196**.

A 20% lighter version of the original color is **55.4586, 47.4014, 95.8489**, and **11.2107, 8.2290, 25.0422** is the 20% darker color. If you saturate the color by 10%, you get **23.8649, 17.5224, 51.9939**, and if you desaturate by 10%, it is **32.3804, 28.4972, 53.6634**.

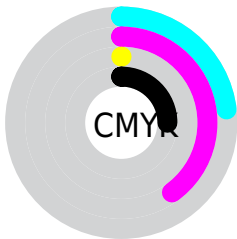
Distribution



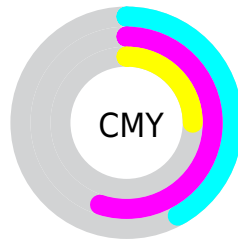
- Red (58%)
- Green (45%)
- Blue (75%)



- Red (58%)
- Yellow (45%)
- Blue (75%)



- Cyan (23%)
- Magenta (40%)
- Yellow (0%)
- Black (25%)



- Cyan (42%)
- Magenta (55%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7924, 22.4996, 52.7472 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 27.7924, 22.4996, 52.7472 by changing the saturation by 10% instead.

■ 27.7924, 22.4996,
52.7472

■ 27.7924, 22.4996,
52.7472

283.5717,
265.1443, 414.3532

■ 18.3089, 14.2245,
37.2147

■ 55.5638, 47.5704,
95.6700

■ 11.2730, 8.2769,
25.0766

■ 74.5824, 65.1347,
123.8974

■ 6.3194, 4.2727,
15.9146

■ 97.5100, 86.5644,
157.1935

■ 3.0828, 1.8272,
9.3101

124.7121,
112.2436, 195.9768

■ 1.1977, 0.5041,
4.8444

156.5539,
142.5568, 240.6659

■ 0.1045, 0.0000,
2.0991

193.4009,

■ 0.0000, 0.0000,

177.8884, 291.6793

0.6152

235.6184,
218.6228, 349.4356

■ 0.0000, 0.0000,
0.0000

■ 27.7924, 22.4996,
52.7472

■ 27.7924, 22.4996,
52.7472

■ 23.8649, 17.5224,
51.9939

■ 32.3804, 28.4972,
53.6634

■ 20.5613, 13.5032,
51.3922

■ 37.6579, 35.5673,
54.7499

■ 17.8447, 10.3765,
50.9319

■ 43.6552, 43.7615,
56.0155

■ 15.6728, 8.0675,
50.6007

■ 50.3999, 53.1275,
57.4678

■ 13.9967, 6.4879,
50.3841

■ 57.9180, 63.7098,
59.1142

■ 12.7303, 5.4765,
50.2557

■ 66.2342, 75.5509,
60.9614

■ 12.6823, 5.4389,
50.2509

■ 75.3722, 88.6909,
63.0161

■ 80.5175, 93.4943,
63.6720

■ 84.4550, 95.5241,
63.8563

Harmonies

Analogous

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



22.7474, 22.4996, 62.4933



27.7924, 22.4996, 52.7472



31.4594, 22.4996, 36.1192

Triad

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



27.7924, 22.4996, 52.7472



25.1301, 22.4996, 6.9388



13.2940, 22.4996, 28.5216

Complementary

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



27.7924, 22.4996, 52.7472



36.7006, 46.5378, 23.5723

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.



13.7302, 22.4996, 15.6828



27.7924, 22.4996, 52.7472



20.0785, 22.4996, 6.2324

Square

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



27.7924, 22.4996, 52.7472



29.7649, 22.4996, 11.2625



16.0472, 22.4996, 8.7207



14.7473, 22.4996, 45.3891

Rectangle

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



27.7924, 22.4996, 52.7472



32.3489, 22.4996, 25.4221



16.0472, 22.4996, 8.7207



13.2294, 22.4996, 23.5971

Sweetspot

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



27.7932, 22.5005, 52.7477



76.1352, 75.2160, 100.8657



29.5676, 33.2195, 54.7232



16.0207, 15.7076, 21.5728



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.



27.7932, 22.5005, 52.7477



44.4569, 33.2659, 94.4381



35.6236, 26.5372, 53.1142



9.9087, 9.9441, 12.6820



8.6173, 3.7028, 33.8171



0.4504, 0.2002, 1.4648

Inverse Universe

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



34.4173, 26.2713, 36.9759



58.3602, 41.1934, 60.7471



30.2572, 43.2161, 23.2707



10.3178, 10.1757, 11.7640



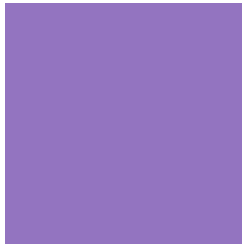
16.6986, 8.3692, 11.5908



0.7550, 0.3750, 0.6772

Previews

White Background



This preview shows how the XYZ color 27.7924, 22.4996, 52.7472 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 27.7924, 22.4996, 52.7472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

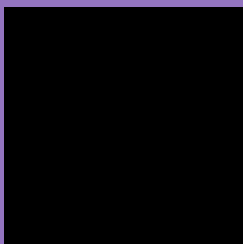
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7924, 22.4996, 52.7472

Background



This preview shows how black text looks on a background with the XYZ color 27.7924, 22.4996, 52.7472.



This preview shows how white text looks on a background with the XYZ color 27.7924, 22.4996,

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

27.7924, 22.4996, 52.7472

Protanopia

24.0888, 22.6457, 58.9786

Deuteranopia

23.2313, 22.7652, 51.3138



Tritanopia

22.6231, 22.5917, 27.2130

Trichromacy



Original Color

27.7924, 22.4996, 52.7472

Protanomaly

25.1464, 22.4856, 56.4409

Deuteranomaly

24.6539, 22.5225, 51.7631

Tritanomaly

24.3637, 22.5466, 35.4156

Monochromacy



Original Color

27.7924, 22.4996, 52.7472

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.1532, 23.0343, 34.1834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7924, 22.4996, 52.7472 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(147, 116, 192)` looks like.

```
.text, #text, p{  
    color:rgb(147, 116, 192)  
}
```

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(147, 116, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 116, 192) }
```

Border

The CSS property to change the border of an element to XYZ 27.7924, 22.4996, 52.7472 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(147, 116, 192) }
```


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

```
.border{ border-color:rgb(147, 116, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 116, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 116, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 116, 192);  
box-shadow:4px 4px 4px 4px rgb(147, 116,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7924, 22.4996, 52.7472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 116, 192) }
```

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

```
.background{ background-color: rgb(147,  
116, 192) }
```

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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