

Converting Colors

XYZ(26.8212, 22.0461, 52.7492)

Have a look what the booklet for
XYZ(26.8212, 22.0461, 52.7492)
contains.

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Color

**XYZ(26.7443, 21.9593,
52.6982)**

Conversions

Conversions Part 1

Format	Color
Hex	8D74C0
RGB	141, 116, 192
RGB Percent	55%, 45%, 75%
CMY	0.4471, 0.5451, 0.2471
CMYK	0.27, 0.40, 0.00, 0.25
HSL	260°, 38%, 60%
HSV	260°, 40%, 75%
XYZ	26.7443, 21.9593, 52.6982
YIQ	132.1390, -9.4960, 28.9360

Conversions

Conversions Part 2

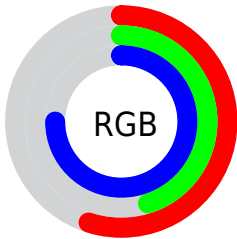
Format	Color
R_{YB}	141, 116, 192
Decimal	9270464
CIE _{Lab}	53.98, 25.99, -36.37
CIE _{LCh}	54, 44.698, 305.552
Yxy	21.9593, 0.2637, 0.2166
Android (android.graphics.Color)	4287460544 (0xFF8D74C0)
YUV	132.1390, 29.5115, 7.7711
Hunter-Lab	46.8608, 19.8669, -33.8732

Details

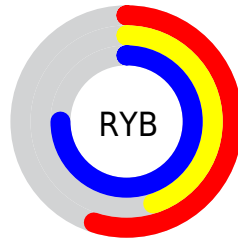
The XYZ color **26.7443, 21.9593, 52.6982** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **37.9390, 47.1763, 23.6302**, and the grayscale version is **21.8823, 23.0219, 25.0708**.

A 20% lighter version of the original color is **53.8665, 46.5806, 95.7744**, and **10.7144, 7.9731, 25.0190** is the 20% darker color. If you saturate the color by 10%, you get **22.6908, 16.9171, 51.9390**, and if you desaturate by 10%, it is **31.5116, 28.0493, 53.6228**.

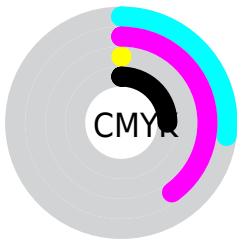
Distribution



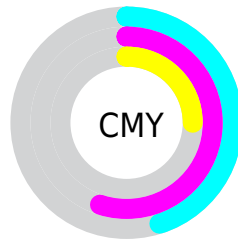
- Red (55%)
- Green (45%)
- Blue (75%)



- Red (55%)
- Yellow (45%)
- Blue (75%)



- Cyan (27%)
- Magenta (40%)
- Yellow (0%)
- Black (25%)



- Cyan (45%)
- Magenta (55%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7443, 21.9593, 52.6982 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 26.7443, 21.9593, 52.6982 by changing the saturation by 10% instead.

■ 26.7443, 21.9593,
52.6982

■ 26.7443, 21.9593,
52.6982

278.6071,
262.3337, 414.1596

■ 17.5169, 13.8270,
37.1758

■ 53.8961, 46.6787,
95.5972

■ 10.7013, 8.0004,
25.0468

■ 72.5511, 64.0346,
123.8108

■ 5.9321, 4.0952,
15.8926

■ 95.0794, 85.2339,
157.0920

■ 2.8441, 1.7270,
9.2946

■ 121.8463,
110.6608, 195.8593

■ 1.0719, 0.4410,
4.8344

153.2172,
140.6999, 240.5311

■ 0.0014, 0.0000,
2.0934

189.5574,

■ 0.0000, 0.0000,

175.7354, 291.5261

0.6118

231.2322,
216.1519, 349.2627

■ 0.0000, 0.0000,
0.0000

■ 26.7443, 21.9593,
52.6982

■ 26.7443, 21.9593,
52.6982

■ 22.6908, 16.9171,
51.9390

■ 31.5116, 28.0493,
53.6228

■ 19.3117, 12.8590,
51.3338

■ 37.0247, 35.2408,
54.7203

■ 16.5671, 9.7179,
50.8722

■ 43.3161, 43.5867,
55.9997

■ 14.4113, 7.4171,
50.5417

■ 50.4160, 53.1358,
57.4686

■ 12.7915, 5.8666,
50.3278

■ 58.3526, 63.9339,
59.1345

■ 11.6179, 4.9031,
50.2036

■ 67.1530, 76.0245,
61.0044

■ 11.5745, 4.8678,
50.1991

■ 76.8426, 89.4489,
63.0849

■ 82.6092, 94.5726,
63.7700

■ 86.5145, 96.5858,
63.9527

Harmonies

Analogous

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



21.7821, 21.9593, 61.3060



26.7443, 21.9593, 52.6982



30.5082, 21.9593, 36.6793

Triad

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



26.7443, 21.9593, 52.6982



24.9519, 21.9593, 6.9612



12.9322, 21.9593, 26.5737

Complementary

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



26.7443, 21.9593, 52.6982



37.9390, 47.1763, 23.6302

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.



13.5137, 21.9593, 14.5126



26.7443, 21.9593, 52.6982



19.9869, 21.9593, 6.0157

Square

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



26.7443, 21.9593, 52.6982



29.3667, 21.9593, 11.5491



15.9285, 21.9593, 8.1525



14.1966, 21.9593, 42.9260

Rectangle

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



26.7443, 21.9593, 52.6982



31.5554, 21.9593, 26.0307



15.9285, 21.9593, 8.1525



12.9208, 21.9593, 21.9077

Sweetspot

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



26.7451, 21.9602, 52.6987



75.3712, 74.8221, 100.8299



30.7079, 35.5002, 55.1033



15.8412, 15.6151, 21.5644



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.



26.7451, 21.9602, 52.6987



42.3643, 32.1871, 94.3402



34.1359, 25.7703, 53.0446



9.8334, 9.9053, 12.6785



7.8623, 3.3136, 33.7818



0.4134, 0.1811, 1.4631

Inverse Universe

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



34.9593, 26.4881, 39.8301



59.4916, 41.6460, 66.7048



31.1984, 43.7014, 23.3148



10.3518, 10.1893, 11.9433



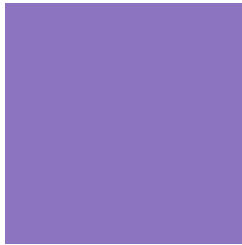
17.3239, 8.6193, 14.8836



0.7792, 0.3847, 0.8047

Previews

White Background



This preview shows how the XYZ color 26.7443, 21.9593, 52.6982 looks on a white background.

Color Contrast Check

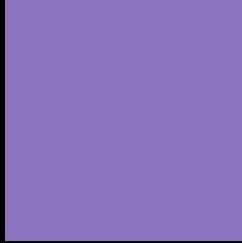
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7443, 21.9593, 52.6982 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 26.7443, 21.9593, 52.6982

Background



This preview shows how black text looks on a background with the XYZ color 26.7443, 21.9593, 52.6982.



This preview shows how white text looks on a background with the XYZ color 26.7443, 21.9593,

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

26.7443, 21.9593, 52.6982

Protanopia

23.6115, 22.2206, 58.3029

Deuteranopia

22.6134, 22.0555, 51.2094



Tritanopia

21.6667, 22.0986, 27.1683

Trichromacy



Original Color

26.7443, 21.9593, 52.6982

Protanomaly

24.4785, 21.9561, 56.3739

Deuteranomaly

23.8380, 21.9149, 51.6888

Tritanomaly

23.3709, 22.0348, 35.3691

Monochromacy



Original Color

26.7443, 21.9593, 52.6982

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.2853, 22.4057, 33.6693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7443, 21.9593, 52.6982 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(141, 116, 192)` looks like.

```
.text, #text, p{  
    color:rgb(141, 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(141, 116, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 116, 192) }
```

Border

The CSS property to change the border of an element to XYZ 26.7443, 21.9593, 52.6982 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(141, 116, 192) }
```


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

```
.border{ border-color:rgb(141, 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(141, 116, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 116, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 116, 192);  
box-shadow:4px 4px 4px 4px rgb(141, 116,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7443, 21.9593, 52.6982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 116, 192) }
```

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

```
.background{ background-color: rgb(141,  
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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