

Converting Colors

XYZ(26.6835, 21.2786, 53.1454)

Have a look what the booklet for
XYZ(26.6835, 21.2786, 53.1454)
contains.

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Color

**XYZ(26.7475, 21.2782,
53.1494)**

Conversions

Conversions Part 1

Format	Color
Hex	8F70C1
RGB	143, 112, 193
RGB Percent	56%, 44%, 76%
CMY	0.4392, 0.5608, 0.2431
CMYK	0.26, 0.42, 0.00, 0.24
HSL	263°, 40%, 60%
HSV	263°, 42%, 76%
XYZ	26.7475, 21.2782, 53.1494
YIQ	130.5030, -7.5250, 31.7630

Conversions

Conversions Part 2

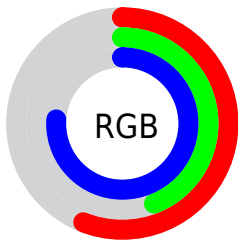
Format	Color
R_{YB}	143, 112, 193
Decimal	9400513
CIE _{Lab}	53.25, 29.15, -38.07
CIE _{LCh}	53, 47.953, 307.442
Yxy	21.2782, 0.2644, 0.2103
Android (android.graphics.Color)	4287590593 (0xFF8F70C1)
YUV	130.5030, 30.8110, 10.9599
Hunter-Lab	46.1283, 22.7787, -36.0246

Details

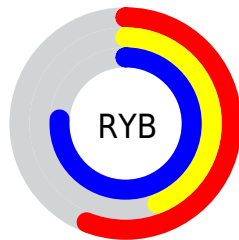
The XYZ color **26.7475, 21.2782, 53.1494** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **36.8952, 46.9915, 22.4556**, and the grayscale version is **21.2930, 22.4018, 24.3956**.

A 20% lighter version of the original color is **53.8195, 45.4588, 96.3803**, and **10.6542, 7.5928, 25.3301** is the 20% darker color. If you saturate the color by 10%, you get **22.8879, 16.4593, 52.4230**, and if you desaturate by 10%, it is **31.2841, 27.1245, 54.0391**.

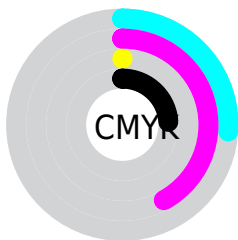
Distribution



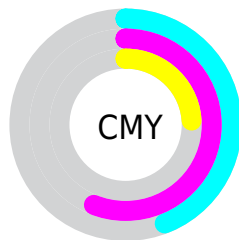
- Red (56%)
- Green (44%)
- Blue (76%)



- Red (56%)
- Yellow (44%)
- Blue (76%)



- Cyan (26%)
- Magenta (42%)
- Yellow (0%)
- Black (24%)



- Cyan (44%)
- Magenta (56%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7475, 21.2782, 53.1494 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 26.7475, 21.2782, 53.1494 by changing the saturation by 10% instead.

■ 26.7475, 21.2782,
53.1494

■ 26.7475, 21.2782,
53.1494

278.6224,
258.7533, 415.9406

■ 17.5193, 13.3275,
37.5335

■ 53.9012, 45.5501,
96.2679

■ 10.7030, 7.6545,
25.3218

■ 72.5573, 62.6401,
124.6077

■ 5.9333, 3.8746,
16.0958

■ 95.0869, 83.5452,
158.0258

■ 2.8448, 1.6037,
9.4369

■ 121.8551,
108.6501, 196.9408

■ 1.0723, 0.3601,
4.9265

153.2274,
138.3389, 241.7712

■ 0.0017, 0.0000,
2.1462

189.5692,

■ 0.0000, 0.0000,

172.9961, 292.9356

0.6431

231.2457,
213.0061, 350.8526

■ 0.0000, 0.0000,
0.0000

■ 26.7475, 21.2782,
53.1494

■ 26.7475, 21.2782,
53.1494

■ 22.8879, 16.4593,
52.4230

■ 31.2841, 27.1245,
54.0391

■ 19.6667, 12.6028,
51.8485

■ 36.5288, 34.0527,
55.1000

■ 17.0446, 9.6402,
51.4148

■ 42.5132, 42.1163,
56.3410

■ 14.9766, 7.4924,
51.1092

■ 49.2664, 51.3646,
57.7702

■ 13.4095, 6.0652,
50.9163

■ 56.8159, 61.8437,
59.3949

■ 12.4395, 5.3008,
50.8199

■ 65.1877, 73.5976,
61.2224

■ 74.4065, 86.6677,
63.2593

■ 80.7497, 93.6011,
64.2633

■ 84.8901, 95.7356,
64.4570

Harmonies

Analogous

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



21.5132, 21.2782, 63.3330



26.7475, 21.2782, 53.1494



30.6267, 21.2782, 35.6112

Triad

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



26.7475, 21.2782, 53.1494



24.1985, 21.2782, 5.7688



12.0174, 21.2782, 26.9752

Complementary

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



26.7475, 21.2782, 53.1494



36.8952, 46.9915, 22.4556

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.



12.4925, 21.2782, 14.0251



26.7475, 21.2782, 53.1494



18.9879, 21.2782, 5.0488

Square

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



26.7475, 21.2782, 53.1494



28.9919, 21.2782, 10.0041



14.8585, 21.2782, 7.3213



13.4307, 21.2782, 44.6198

Rectangle

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



26.7475, 21.2782, 53.1494



31.6076, 21.2782, 24.4366



14.8585, 21.2782, 7.3213



11.9663, 21.2782, 21.9447

Sweetspot

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



26.7483, 21.2790, 53.1499



74.7430, 73.5324, 100.6141



29.4589, 33.5967, 55.3846



15.5057, 15.0588, 21.4747



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.



26.7483, 21.2790, 53.1499



41.7500, 30.4087, 94.0293



34.7590, 25.4087, 53.5248



9.8846, 9.9317, 12.6809



8.3567, 3.5684, 33.8049



0.4380, 0.1939, 1.4642

Inverse Universe

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



34.3085, 25.5351, 37.3031



57.3858, 39.2281, 60.4730



30.1350, 43.5065, 22.1393



10.3286, 10.1801, 11.8210



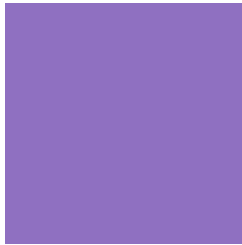
16.8875, 8.4448, 12.5857



0.7624, 0.3780, 0.7164

Previews

White Background



This preview shows how the XYZ color 26.7475, 21.2782, 53.1494 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 26.7475, 21.2782, 53.1494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

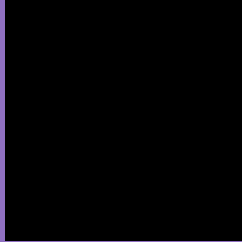
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7475, 21.2782, 53.1494

Background



This preview shows how black text looks on a background with the XYZ color 26.7475, 21.2782, 53.1494.



This preview shows how white text looks on a background with the XYZ color 26.7475, 21.2782,

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

26.7475, 21.2782, 53.1494

Protanopia

23.1625, 21.5683, 60.0690

Deuteranopia

22.0292, 21.5491, 51.7135



Tritanopia

21.2225, 21.3220, 25.9187

Trichromacy



Original Color

26.7475, 21.2782, 53.1494

Protanomaly

24.0812, 21.1805, 57.4626

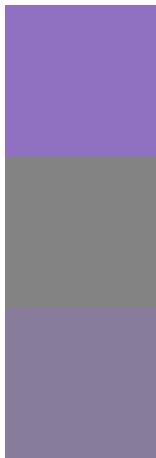
Deuteranomaly

23.4337, 21.3255, 52.1714

Tritanomaly

22.8706, 21.0675, 34.3135

Monochromacy



Original Color

26.7475, 21.2782, 53.1494

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.0321, 21.8993, 33.5849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7475, 21.2782, 53.1494 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, 112, 193)` looks like.

```
.text, #text, p{  
    color:rgb(143, 112, 193)  
}
```

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, 112, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 112, 193) }
```

Border

The CSS property to change the border of an element to XYZ 26.7475, 21.2782, 53.1494 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, 112, 193) }
```


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

```
.border{ border-color:rgb(143, 112, 193) }
```

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

Here you see how a box with a 4 pixel rgb(143, 112, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 112, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 112, 193);  
box-shadow:4px 4px 4px 4px rgb(143, 112,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7475, 21.2782, 53.1494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 112, 193) }
```

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

```
.background{ background-color: rgb(143,  
112, 193) }
```

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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