

Converting Colors

XYZ(28.0754, 21.0400, 51.7454)

Have a look what the booklet for
XYZ(28.0754, 21.0400, 51.7454)
contains.

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Color

**XYZ(28.0756, 21.0382,
51.8713)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6ABF
RGB	155, 106, 191
RGB Percent	61%, 42%, 75%
CMY	0.3921, 0.5843, 0.2510
CMYK	0.19, 0.45, 0.00, 0.25
HSL	275°, 40%, 58%
HSV	275°, 45%, 75%
XYZ	28.0756, 21.0382, 51.8713
YIQ	130.3410, 1.9190, 36.8230

Conversions

Conversions Part 2

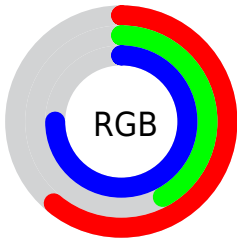
Format	Color
R_{YB}	155, 106, 191
Decimal	10185407
CIE _{Lab}	52.99, 35.62, -37.25
CIE _{LCh}	53, 51.538, 313.714
Yxy	21.0382, 0.2780, 0.2083
Android (android.graphics.Color)	4288375487 (0xFF9B6ABF)
YUV	130.3410, 29.9049, 21.6259
Hunter-Lab	45.8674, 28.9925, -34.9437

Details

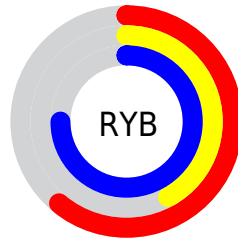
The XYZ color **28.0756, 21.0382, 51.8713** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **32.3882, 44.0535, 20.4326**, and the grayscale version is **21.2364, 22.3423, 24.3308**.

A 20% lighter version of the original color is **56.0341, 45.0799, 94.5549**, and **11.4580, 7.5572, 24.5217** is the 20% darker color. If you saturate the color by 10%, you get **24.8214, 16.7573, 51.2169**, and if you desaturate by 10%, it is **31.8737, 26.2511, 52.6777**.

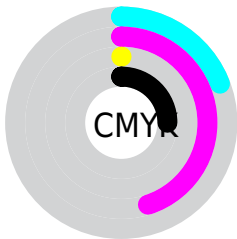
Distribution



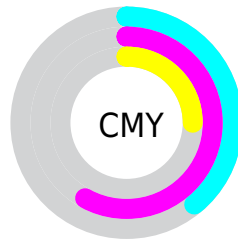
- Red (61%)
- Green (42%)
- Blue (75%)



- Red (61%)
- Yellow (42%)
- Blue (75%)



- Cyan (19%)
- Magenta (45%)
- Yellow (0%)
- Black (25%)



- Cyan (39%)
- Magenta (58%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0756, 21.0382, 51.8713 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 28.0756, 21.0382, 51.8713 by changing the saturation by 10% instead.

■ 28.0756, 21.0382,
51.8713

■ 28.0756, 21.0382,
51.8713

284.9015,
257.4814, 410.8824

■ 18.5234, 13.1519,
36.5210

■ 56.0129, 45.1511,
94.3661

■ 11.4284, 7.5332,
24.5439

■ 75.1287, 62.1465,
122.3476

■ 6.4251, 3.7978,
15.5217

■ 98.1632, 82.9471,
155.3765

■ 3.1484, 1.5611,
9.0357

■ 125.4815,
107.9373, 193.8715

■ 1.2327, 0.3312,
4.6673

157.4492,
137.5014, 238.2510

■ 0.1320, 0.0000,
1.9981

194.4315,

■ 0.0000, 0.0000,

172.0239, 288.9337

0.5541

236.7938,
211.8891, 346.3379

■ 0.0000, 0.0000,
0.0000

■ 28.0756, 21.0382,
51.8713

■ 28.0756, 21.0382,
51.8713

■ 24.8214, 16.7573,
51.2169

■ 31.8737, 26.2511,
52.6777

■ 22.0773, 13.3458,
50.7030

■ 36.2421, 32.4479,
53.6435

■ 19.8089, 10.7376,
50.3191

■ 41.2080, 39.6797,
54.7777

■ 17.9760, 8.8550,
50.0524

■ 46.7962, 47.9931,
56.0878

■ 16.5300, 7.6045,
49.8872

■ 53.0300, 57.4319,
57.5811

■ 15.8479, 7.0835,
49.8226

■ 59.9313, 68.0374,
59.2644

■ 67.5209, 79.8490,
61.1443

■ 74.5936, 90.4531,
62.8183

■ 77.0974, 91.7439,
62.9355

Harmonies

Analogous

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



22.5636, 21.0382, 65.7166



28.0756, 21.0382, 51.8713



31.7276, 21.0382, 32.3123

Triad

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



28.0756, 21.0382, 51.8713



23.0556, 21.0382, 4.5653



11.5012, 21.0382, 30.7159

Complementary

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



28.0756, 21.0382, 51.8713



32.3882, 44.0535, 20.4326

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.



11.5849, 21.0382, 15.5307



28.0756, 21.0382, 51.8713



17.6313, 21.0382, 4.4483

Square

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



28.0756, 21.0382, 51.8713



28.4913, 21.0382, 7.8768



13.6377, 21.0382, 7.4221



13.3837, 21.0382, 50.2589

Rectangle

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



28.0756, 21.0382, 51.8713



32.2685, 21.0382, 21.0319



13.6377, 21.0382, 7.4221



11.3123, 21.0382, 24.8904

Sweetspot

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



28.0764, 21.0391, 51.8718



75.0361, 72.8840, 98.3923



25.1460, 26.4215, 53.0651



16.0126, 15.3202, 21.4984



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.



28.0764, 21.0391, 51.8718



44.8121, 30.4706, 91.7987



35.4326, 24.9020, 49.0232



9.5289, 9.4895, 12.0016



10.5085, 4.7034, 32.7469



0.4849, 0.2220, 1.2861

Inverse Universe

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



31.5229, 23.3381, 28.4350



52.1810, 35.3574, 42.9916



27.4814, 41.4888, 21.7926



9.6933, 9.6016, 10.7740



15.1321, 7.6840, 5.9893



0.6255, 0.3141, 0.4071

Previews

White Background



This preview shows how the XYZ color 28.0756, 21.0382, 51.8713 looks on a white background.

Color Contrast Check

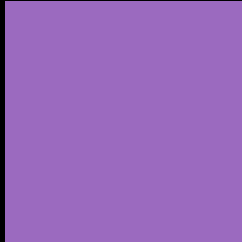
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0756, 21.0382, 51.8713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

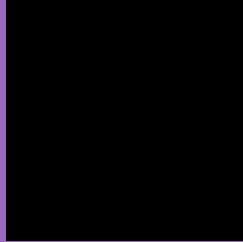
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.0756, 21.0382, 51.8713

Background



This preview shows how black text looks on a background with the XYZ color 28.0756, 21.0382, 51.8713.



This preview shows how white text looks on a background with the XYZ color 28.0756, 21.0382,

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

28.0756, 21.0382, 51.8713

Protanopia

23.0862, 21.3000, 61.9260

Deuteranopia

21.7973, 21.2763, 49.9716



Tritanopia

22.3560, 21.0377, 23.6513

Trichromacy



Original Color

28.0756, 21.0382, 51.8713

Protanomaly

24.1064, 20.6526, 57.9742

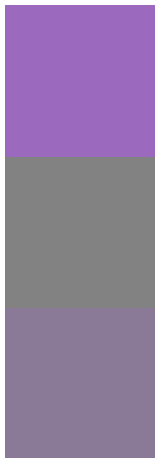
Deuteranomaly

23.5591, 20.8894, 50.3673

Tritanomaly

24.1927, 20.9180, 32.4683

Monochromacy



Original Color

28.0756, 21.0382, 51.8713

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.1523, 21.4307, 32.6220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0756, 21.0382, 51.8713 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(155, 106, 191)` looks like.

```
.text, #text, p{  
    color:rgb(155, 106, 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(155, 106, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 106, 191) }
```

Border

The CSS property to change the border of an element to XYZ 28.0756, 21.0382, 51.8713 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(155, 106, 191) }
```


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

```
.border{ border-color:rgb(155, 106, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 106, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 106, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 106, 191);  
box-shadow:4px 4px 4px 4px rgb(155, 106,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0756, 21.0382, 51.8713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 106, 191) }
```

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

```
.background{ background-color: rgb(155,  
106, 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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