

Converting Colors

XYZ(27.5853, 20.9959, 47.9467)

Have a look what the booklet for
XYZ(27.5853, 20.9959, 47.9467)
contains.

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Color

**XYZ(27.6197, 21.0440,
47.9536)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9C6BB8 |
| RGB | 156, 107, 184 |
| RGB Percent | 61%, 42%, 72% |
| CMY | 0.3882, 0.5804, 0.2784 |
| CMYK | 0.15, 0.42, 0.00, 0.28 |
| HSL | 278°, 35%, 57% |
| HSV | 278°, 42%, 72% |
| XYZ | 27.6197, 21.0440, 47.9536 |
| YIQ | 130.4290, 4.4870, 34.3350 |

Conversions

Conversions Part 2

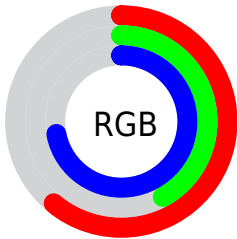
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 156, 107, 184 |
| Decimal | 10251192 |
| CIE _{Lab} | 53.00, 33.78, -33.20 |
| CIE _{LCh} | 53, 47.364, 315.489 |
| Y _{xy} | 21.0440, 0.2859, 0.2178 |
| Android (android.graphics.Color) | 4288441272 (0xFF9C6BB8) |
| YUV | 130.4290, 26.4105, 22.4258 |
| Hunter-Lab | 45.8737, 27.1924, -29.8665 |

Details

The XYZ color **27.6197, 21.0440, 47.9536** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **29.7867, 40.4939, 20.1570**, and the grayscale version is **21.2789, 22.3870, 24.3795**.

A 20% lighter version of the original color is **55.2777, 45.0846, 88.2268**, and **11.2033, 7.5484, 22.3392** is the 20% darker color. If you saturate the color by 10%, you get **24.6424, 16.9584, 47.3223**, and if you desaturate by 10%, it is **31.0780, 25.9844, 48.7253**.

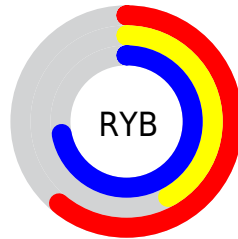
Distribution



Red (61%)

Green (42%)

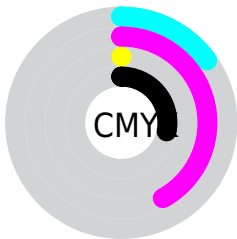
Blue (72%)



Red (61%)

Yellow (42%)

Blue (72%)

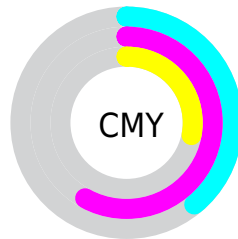


Cyan (15%)

Magenta (42%)

Yellow (0%)

Black (28%)



Cyan (39%)

Magenta (58%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6197, 21.0440, 47.9536 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 27.6197, 21.0440, 47.9536 by changing the saturation by 10% instead.

■ 27.6197, 21.0440,
47.9536

■ 27.6197, 21.0440,
47.9536

282.7584,
257.5122, 395.1116

■ 18.1782, 13.1562,
33.4304

■ 55.2896, 45.1608,
88.5001

■ 11.1784, 7.5362,
22.1826

■ 74.2487, 62.1585,
115.3606

■ 6.2552, 3.7996,
13.7915

■ 97.1110, 82.9616,
147.1705

■ 3.0430, 1.5621,
7.8387

■ 124.2419,
107.9545, 184.3485

■ 1.1765, 0.3319,
3.9056

156.0067,
137.5217, 227.3130

■ 0.0877, 0.0000,
1.5737

192.7708,

■ 0.0000, 0.0000,

172.0474, 276.4827

0.2720

234.8996,
211.9161, 332.2761

■ 0.0000, 0.0000,
0.0000

■ 27.6197, 21.0440,
47.9536

■ 27.6197, 21.0440,
47.9536

■ 24.6424, 16.9584,
47.3223

■ 31.0780, 25.9844,
48.7253

■ 22.1166, 13.6723,
46.8211

■ 35.0399, 31.8252,
49.6438

■ 20.0128, 11.1274,
46.4408

■ 39.5293, 38.6119,
50.7172


■ 18.2963, 9.2567,
46.1702


■ 44.5678, 46.3860,
51.9522


■ 16.9264, 7.9801,
45.9959


■ 50.1757, 55.1865,
53.3553

 16.0002, 7.2490,
45.9036

 56.3721, 65.0503,
54.9326

 63.1753, 76.0125,
56.6899

 70.6028, 88.1064,
58.6328

 72.7958, 89.6132,
58.8081

Harmonies

Analogous

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



22.6638, 21.0440, 60.7018



27.6197, 21.0440, 47.9536



30.7528, 21.0440, 30.4779

Triad

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



27.6197, 21.0440, 47.9536



22.4930, 21.0440, 5.3183



12.1335, 21.0440, 31.0269

Complementary

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



27.6197, 21.0440, 47.9536



29.7867, 40.4939, 20.1570

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.



12.1033, 21.0440, 16.7171



27.6197, 21.0440, 47.9536



17.5566, 21.0440, 5.3641

Square

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



27.6197, 21.0440, 47.9536



27.4769, 21.0440, 8.4133



13.9316, 21.0440, 8.5838



14.0224, 21.0440, 48.4961

Rectangle

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



27.6197, 21.0440, 47.9536



31.1019, 21.0440, 20.3939



13.9316, 21.0440, 8.5838



11.9175, 21.0440, 25.6322

Sweetspot

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



27.6204, 21.0449, 47.9541



70.4832, 68.2028, 91.6542



23.4125, 23.9805, 48.7425



14.7974, 14.0992, 19.6631



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.6204, 21.0449, 47.9541



45.1778, 31.4220, 85.8885



32.6395, 23.7521, 42.7731



9.0557, 8.9951, 11.3384



11.1068, 5.0370, 31.6399



0.4569, 0.2112, 1.1184

Inverse Universe

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



29.3987, 22.4558, 25.7075



49.1815, 34.5295, 38.9263



26.4312, 38.6980, 22.9892



9.1360, 9.0648, 10.0634



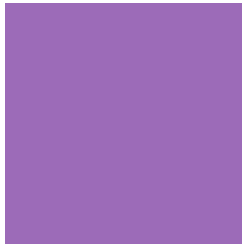
14.3511, 7.3142, 4.4695



0.5361, 0.2699, 0.3167

Previews

White Background



This preview shows how the XYZ color 27.6197, 21.0440, 47.9536 looks on a white background.

Color Contrast Check

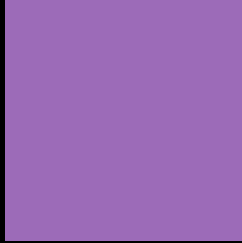
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6197, 21.0440, 47.9536 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 27.6197, 21.0440, 47.9536

Background



This preview shows how black text looks on a background with the XYZ color 27.6197, 21.0440, 47.9536.



This preview shows how white text looks on a background with the XYZ color 27.6197, 21.0440,

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

27.6197, 21.0440, 47.9536

Protanopia

22.6620, 21.1915, 56.9288

Deuteranopia

21.7625, 21.3428, 46.1526



Tritanopia

22.5257, 20.9552, 23.2796

Trichromacy



Original Color

27.6197, 21.0440, 47.9536

Protanomaly

23.9618, 20.8450, 53.7995

Deuteranomaly

23.3948, 20.8898, 46.5152

Tritanomaly

24.0537, 20.8836, 30.7801

Monochromacy



Original Color

27.6197, 21.0440, 47.9536

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.1120, 21.6100, 31.8072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6197, 21.0440, 47.9536 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(156, 107, 184)` looks like.

```
.text, #text, p{  
    color:rgb(156, 107, 184)  
}
```

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(156, 107, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 107, 184) }
```

Border

The CSS property to change the border of an element to XYZ 27.6197, 21.0440, 47.9536 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(156, 107, 184) }
```


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

```
.border{ border-color:rgb(156, 107, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 107, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 107, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 107, 184);  
box-shadow:4px 4px 4px 4px rgb(156, 107,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6197, 21.0440, 47.9536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 107, 184) }
```

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

```
.background{ background-color: rgb(156,  
107, 184) }
```

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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