

Converting Colors

XYZ(27.2002, 21.5326, 27.6409)

Have a look what the booklet for
XYZ(27.2002, 21.5326, 27.6409)
contains.

| | |
|--|----|
| XYZ(27.2155, 21.6014, 27.5460) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(27.2155, 21.6014,
27.5460)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AC6D8C |
| RGB | 172, 109, 140 |
| RGB Percent | 67%, 43%, 55% |
| CMY | 0.3255, 0.5725, 0.4510 |
| CMYK | 0.00, 0.37, 0.19, 0.33 |
| HSL | 330°, 28%, 55% |
| HSV | 330°, 37%, 67% |
| XYZ | 27.2155, 21.6014, 27.5460 |
| YIQ | 131.3710, 27.5970, 22.9970 |

Conversions

Conversions Part 2

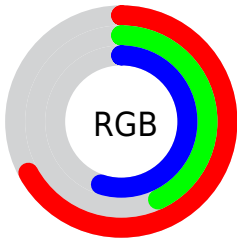
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 172, 109, 140 |
| Decimal | 11300236 |
| CIE Lab | 53.60, 29.55, -6.49 |
| CIE LCh | 54, 30.254, 347.614 |
| Yxy | 21.6014, 0.3564, 0.2829 |
| Android (android.graphics.Color) | 4289490316 (0xFFAC6D8C) |
| YUV | 131.3710, 4.2541, 35.6316 |
| Hunter-Lab | 46.4773, 23.1881, -2.6057 |

Details

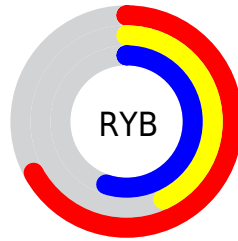
The XYZ color **27.2155, 21.6014, 27.5460** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.8679, 34.6799, 30.5314**, and the grayscale version is **21.6850, 22.8143, 24.8447**.

A 20% lighter version of the original color is **54.4774, 45.8788, 57.0232**, and **10.9325, 7.8215, 10.6063** is the 20% darker color. If you saturate the color by 10%, you get **24.9382, 18.0370, 23.7336**, and if you desaturate by 10%, it is **29.9043, 25.9063, 31.7484**.

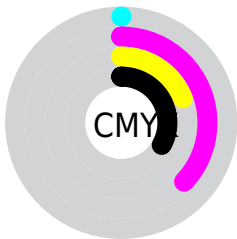
Distribution



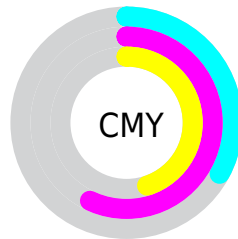
- Red (67%)
- Green (43%)
- Blue (55%)



- Red (67%)
- Yellow (43%)
- Blue (55%)



- Cyan (0%)
- Magenta (37%)
- Yellow (19%)
- Black (33%)



- Cyan (33%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2155, 21.6014, 27.5460 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 27.2155, 21.6014, 27.5460 by changing the saturation by 10% instead.

■ 27.2155, 21.6014,
27.5460

■ 27.2155, 21.6014,
27.5460

280.8476,
260.4576, 304.1345

■ 17.8726, 13.5643,
17.7477

■ 54.6469, 46.0863,
56.7731

■ 10.9577, 7.8183,
10.6014

■ 73.4661, 63.3029,
77.0390

■ 6.1055, 3.9789,
5.6887

■ 96.1748, 84.3482,
101.6311

■ 2.9506, 1.6618,
2.5910

■ 123.1383,
109.6064, 130.9681

■ 1.1277, 0.3987,
0.8878

154.7220,
139.4621, 165.4683

■ 0.0481, 0.0000,
0.0000

191.2912,

■ 0.0000, 0.0000,

174.2996, 205.5504

0.0000

233.2112,
214.5033, 251.6330

■ 27.2155, 21.6014,
27.5460

■ 27.2155, 21.6014,
27.5460

■ 24.9382, 18.0370,
23.7336

■ 29.9043, 25.9063,
31.7484

■ 23.0482, 15.1676,
20.2968

■ 33.0231, 30.9879,
36.3519

■ 21.5218, 12.9472,
17.2216

■ 36.5916, 36.8834,
41.3689


■ 20.3315, 11.3231,
14.4928


■ 40.6277, 43.6269,
46.8106


■ 19.4457, 10.2340,
12.0931


■ 45.1483, 51.2505,
52.6877


 18.8204, 9.5943,
10.0012

 50.1694, 59.7846,
59.0105

 18.6384, 9.4207,
9.3535

 55.7062, 69.2582,
65.7891

 61.7734, 79.6988,
73.0330

 65.5113, 85.3859,
79.7937

Harmonies

Analogous

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



25.4696, 21.6014, 37.6657



27.2155, 21.6014, 27.5460



27.0389, 21.6014, 18.5375

Triad

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



27.2155, 21.6014, 27.5460



18.7087, 21.6014, 10.3130



16.6224, 21.6014, 39.2581

Complementary

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



27.2155, 21.6014, 27.5460



25.8679, 34.6799, 30.5314

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.



15.1621, 21.6014, 29.3244



27.2155, 21.6014, 27.5460



16.2769, 21.6014, 13.4509

Square

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



27.2155, 21.6014, 27.5460



21.8928, 21.6014, 10.0725



15.0426, 21.6014, 19.9072



19.2278, 21.6014, 45.5248

Rectangle

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



27.2155, 21.6014, 27.5460



25.8553, 21.6014, 14.2479



15.0426, 21.6014, 19.9072



15.9938, 21.6014, 36.1339

Sweetspot

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



27.2161, 21.6024, 27.5464



63.3193, 61.8349, 70.7938



23.8156, 19.5360, 41.5455



13.5783, 13.1368, 15.1283



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.2161, 21.6024, 27.5464



45.9465, 33.8128, 44.2749



25.2430, 20.8132, 17.1562



8.1633, 8.0786, 9.1709



13.8976, 7.0216, 7.1061



0.4143, 0.2064, 0.3436

Inverse Universe

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



27.2161, 21.6024, 27.5464



45.9465, 33.8128, 44.2749



28.5062, 35.7352, 44.4250



8.1633, 8.0786, 9.1709



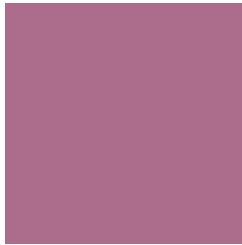
13.8976, 7.0216, 7.1061



0.4143, 0.2064, 0.3436

Previews

White Background



This preview shows how the XYZ color 27.2155, 21.6014, 27.5460 looks on a white background.

Color Contrast Check

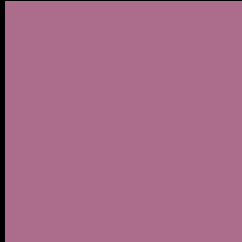
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2155, 21.6014, 27.5460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

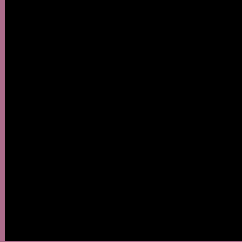
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2155, 21.6014, 27.5460

Background



This preview shows how black text looks on a background with the XYZ color 27.2155, 21.6014, 27.5460.



This preview shows how white text looks on a background with the XYZ color 27.2155, 21.6014,

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

27.2155, 21.6014, 27.5460

Protanopia

21.5690, 21.7308, 32.7634

Deuteranopia

22.1655, 21.7917, 26.7049



Tritanopia

25.8229, 21.5149, 20.8809

Trichromacy



Original Color

27.2155, 21.6014, 27.5460

Protanomaly

23.0463, 21.2338, 30.9008

Deuteranomaly

23.7619, 21.5127, 26.9447

Tritanomaly

26.3753, 21.5853, 23.1983

Monochromacy



Original Color

27.2155, 21.6014, 27.5460

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.2401, 21.9981, 25.5754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2155, 21.6014, 27.5460 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(172, 109, 140)` looks like.

```
.text, #text, p{  
    color:rgb(172, 109, 140)  
}
```

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(172, 109, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 109, 140) }
```

Border

The CSS property to change the border of an element to XYZ 27.2155, 21.6014, 27.5460 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(172, 109, 140) }
```


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

```
.border{ border-color:rgb(172, 109, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 109, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 109, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 109, 140);  
box-shadow:4px 4px 4px 4px rgb(172, 109,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2155, 21.6014, 27.5460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 109, 140) }
```

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

```
.background{ background-color: rgb(172,  
109, 140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor