

Converting Colors

XYZ(27.3728, 21.8412, 39.5431)

Have a look what the booklet for
XYZ(27.3728, 21.8412, 39.5431)
contains.

XYZ(27.4672, 21.9554, 39.3494)	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(27.4672, 21.9554,
39.3494)**

Conversions

Conversions Part 1

Format	Color
Hex	A170A7
RGB	161, 112, 167
RGB Percent	63%, 44%, 65%
CMY	0.3686, 0.5608, 0.3451
CMYK	0.04, 0.33, 0.00, 0.35
HSL	293°, 24%, 55%
HSV	293°, 33%, 65%
XYZ	27.4672, 21.9554, 39.3494
YIQ	132.9210, 11.5490, 27.4930

Conversions

Conversions Part 2

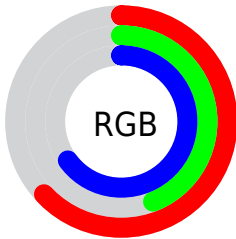
Format	Color
RYB	161, 112, 167
Decimal	10580135
CIELab	53.98, 28.93, -21.80
CIELCh	54, 36.229, 322.997
Yxy	21.9554, 0.3094, 0.2473
Android (android.graphics.Color)	4288770215 (0xFFA170A7)
YUV	132.9210, 16.8009, 24.6253
Hunter-Lab	46.8566, 22.6372, -16.9912

Details

The XYZ color **27.4672, 21.9554, 39.3494** is a light color, and the websafe version is hex **996699**. A complement of this color would be **24.2152, 32.6594, 20.3578**, and the grayscale version is **22.2041, 23.3604, 25.4395**.

A 20% lighter version of the original color is **55.0755, 46.5766, 75.1946**, and **11.0564, 7.9810, 17.1774** is the 20% darker color. If you saturate the color by 10%, you get **25.4285, 18.4185, 38.7745**, and if you desaturate by 10%, it is **29.8544, 26.1804, 40.0394**.

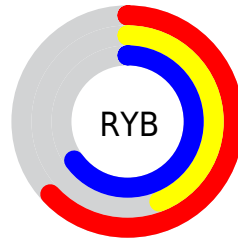
Distribution



Red (63%)

Green (44%)

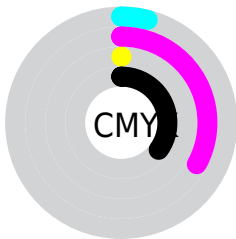
Blue (65%)



Red (63%)

Yellow (44%)

Blue (65%)

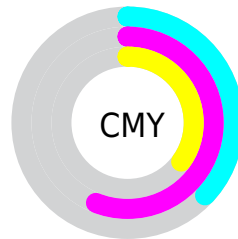


Cyan (4%)

Magenta (33%)

Yellow (0%)

Black (35%)



Cyan (37%)

Magenta (56%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4672, 21.9554, 39.3494 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 27.4672, 21.9554, 39.3494 by changing the saturation by 10% instead.

27.4672, 21.9554,
39.3494

27.4672, 21.9554,
39.3494

282.0386,
262.3133, 358.8439

18.0628, 13.8241,
26.7217

55.0473, 46.6723,
75.3980

11.0951, 7.9984,
17.1338

73.9537, 64.0267,
99.6560

6.1986, 4.0940,
10.1669

96.7581, 85.2242,
128.6279

3.0080, 1.7263,
5.4027

123.8260,
110.6493, 162.7321

1.1580, 0.4406,
2.4226

155.5226,
140.6864, 202.3873

0.0728, 0.0000,
0.7987

192.2134,

0.0000, 0.0000,

175.7198, 248.0120

0.0000

234.2636,
216.1340, 300.0247

■ 27.4672, 21.9554,
39.3494

■ 27.4672, 21.9554,
39.3494

■ 25.4285, 18.4185,
38.7745

■ 29.8544, 26.1804,
40.0394

■ 23.7172, 15.5291,
38.3070

■ 32.6056, 31.1257,
40.8489

■ 22.3132, 13.2465,
37.9404

■ 35.7376, 36.8247,
41.7839

■ 21.1935, 11.5244,
37.6670

■ 39.2658, 43.3081,
42.8494

■ 20.3313, 10.3097,
37.4780

■ 43.2046, 50.6047,
44.0501

■ 19.6950, 9.5390,
37.3628

■ 47.5678, 58.7419,
45.3908

■ 19.3302, 9.1593,
37.3087

■ 52.3685, 67.7459,
46.8757

■ 57.6191, 77.6415,
48.5091

■ 60.9571, 83.7038,
49.5033

Harmonies

Analogous

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



23.9456, 21.9554, 49.7124



27.4672, 21.9554, 39.3494



29.2560, 21.9554, 26.6283

Triad

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



27.4672, 21.9554, 39.3494



21.7981, 21.9554, 8.2692



14.6834, 21.9554, 33.3445

Complementary

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



27.4672, 21.9554, 39.3494



24.2152, 32.6594, 20.3578

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.



14.2592, 21.9554, 21.3753



27.4672, 21.9554, 39.3494



18.0660, 21.9554, 9.0572

Square

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



27.4672, 21.9554, 39.3494



25.7284, 21.9554, 10.5025



15.4207, 21.9554, 13.1463



16.6618, 21.9554, 45.5567

Rectangle

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



27.4672, 21.9554, 39.3494



29.0853, 21.9554, 19.3822



15.4207, 21.9554, 13.1463



14.3654, 21.9554, 29.0833

Sweetspot

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



27.4679, 21.9564, 39.3499



59.8680, 58.4148, 73.5951



20.1856, 19.2910, 39.2192



13.2338, 12.7756, 16.4206



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.4679, 21.9564, 39.3499



46.2951, 34.2829, 69.6525



26.9130, 21.8774, 29.9652



7.7601, 7.6245, 9.4810



14.8167, 7.0217, 28.5499



0.3826, 0.1822, 0.6957

Inverse Universe

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



25.0012, 21.1127, 19.8978



41.2277, 32.5709, 28.7348



24.7409, 32.7785, 27.2443



7.5631, 7.5551, 8.0168



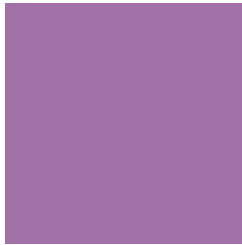
12.2892, 6.3244, 1.0685



0.3089, 0.1578, 0.0781

Previews

White Background



This preview shows how the XYZ color 27.4672, 21.9554, 39.3494 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 27.4672, 21.9554, 39.3494 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 27.4672, 21.9554, 39.3494

Background



This preview shows how black text looks on a background with the XYZ color 27.4672, 21.9554, 39.3494.



This preview shows how white text looks on a background with the XYZ color 27.4672, 21.9554,

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

27.4672, 21.9554, 39.3494

Protanopia

22.7953, 22.2704, 45.7450

Deuteranopia

22.6024, 22.1442, 38.2049



Tritanopia

24.3892, 22.0858, 23.7464

Trichromacy



Original Color

27.4672, 21.9554, 39.3494

Protanomaly

24.0575, 21.8395, 43.5049

Deuteranomaly

24.0676, 21.9540, 38.5664

Tritanomaly

25.4198, 21.9749, 28.8884

Monochromacy



Original Color

27.4672, 21.9554, 39.3494

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.7721, 22.5512, 29.8880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4672, 21.9554, 39.3494 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(161, 112, 167)` looks like.

```
.text, #text, p{  
    color:rgb(161, 112, 167)  
}
```

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(161, 112, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 112, 167) }
```

Border

The CSS property to change the border of an element to XYZ 27.4672, 21.9554, 39.3494 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(161, 112, 167) }
```


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

```
.border{ border-color:rgb(161, 112, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 112, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 112, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 112, 167);  
box-shadow:4px 4px 4px 4px rgb(161, 112,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4672, 21.9554, 39.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 112, 167) }
```

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

```
.background{ background-color: rgb(161,  
112, 167) }
```

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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