

Converting Colors

XYZ(27.3273, 21.9339, 29.6798)

Have a look what the booklet for
XYZ(27.3273, 21.9339, 29.6798)
contains.

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Color

**XYZ(27.3728, 21.9593,
29.5839)**

Conversions

Conversions Part 1

Format	Color
Hex	AA6F91
RGB	170, 111, 145
RGB Percent	67%, 44%, 57%
CMY	0.3333, 0.5647, 0.4314
CMYK	0.00, 0.35, 0.15, 0.33
HSL	325°, 26%, 55%
HSV	325°, 35%, 67%
XYZ	27.3728, 21.9593, 29.5839
YIQ	132.5170, 24.2500, 23.0820

Conversions

Conversions Part 2

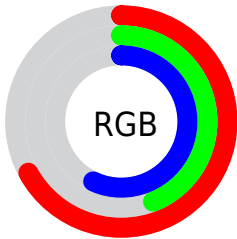
Format	Color
R_{YB}	170, 111, 145
Decimal	11169681
CIE _{Lab}	53.98, 28.54, -8.88
CIE _{LCh}	54, 29.884, 342.722
Yxy	21.9593, 0.3469, 0.2783
Android (android.graphics.Color)	4289359761 (0xFFAA6F91)
YUV	132.5170, 6.1541, 32.8726
Hunter-Lab	46.8608, 22.2610, -4.6281

Details

The XYZ color **27.3728, 21.9593, 29.5839** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.3751, 33.9071, 28.5014**, and the grayscale version is **22.0918, 23.2423, 25.3109**.

A 20% lighter version of the original color is **54.7700, 46.4867, 60.1190**, and **11.1243, 8.0534, 11.7946** is the 20% darker color. If you saturate the color by 10%, you get **25.1535, 18.3814, 26.1899**, and if you desaturate by 10%, it is **29.9817, 26.2593, 33.2820**.

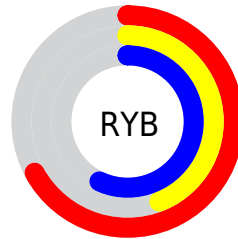
Distribution



Red (67%)

Green (44%)

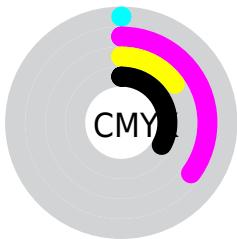
Blue (57%)



Red (67%)

Yellow (44%)

Blue (57%)

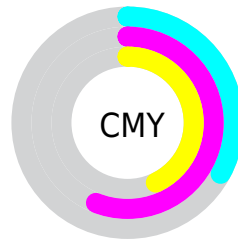


Cyan (0%)

Magenta (35%)

Yellow (15%)

Black (33%)



Cyan (33%)


Magenta (56%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3728, 21.9593, 29.5839 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 27.3728, 21.9593, 29.5839 by changing the saturation by 10% instead.

 27.3728, 21.9593,
29.5839


 27.3728, 21.9593,
29.5839


281.5924,
262.3337, 314.1068


 17.9914, 13.8270,
19.2736


 54.8972, 46.6787,
60.0567


 11.0435, 8.0004,
11.6893


 73.7709, 64.0346,
81.0563

 6.1636, 4.0952,
6.4125


 96.5395, 85.2339,
106.4561

 2.9864, 1.7270,
3.0247

 123.5683,
110.6608, 136.6746

 1.1466, 0.4410,
1.1073

155.2226,
140.6999, 172.1304

 0.0636, 0.0000,
0.0000

191.8678,

 0.0000, 0.0000,

175.7354, 213.2420

0.0000

233.8693,
216.1519, 260.4280

■ 27.3728, 21.9593,
29.5839

■ 27.3728, 21.9593,
29.5839

■ 25.1535, 18.3814,
26.1899

■ 29.9817, 26.2593,
33.2820

■ 23.3010, 15.4821,
23.0886

■ 32.9972, 31.3157,
37.2923

■ 21.7933, 13.2181,
20.2696

■ 36.4380, 37.1641,
41.6244

■ 20.6048, 11.5394,
17.7209

■ 40.3207, 43.8370,
46.2866

■ 19.7064, 10.3888,
15.4294

■ 44.6611, 51.3651,
51.2872

■ 19.0626, 9.6965,
13.3795

■ 49.4743, 59.7775,
56.6340

■ 18.7804, 9.4272,
12.3757

■ 54.7745, 69.1019,
62.3346

■ 60.5754, 79.3648,
68.3960

■ 63.9499, 84.7110,
73.8454

Harmonies

Analogous

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



25.3693, 21.9593, 39.4798



27.3728, 21.9593, 29.5839



27.5260, 21.9593, 20.2071

Triad

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



27.3728, 21.9593, 29.5839



19.5352, 21.9593, 10.4303



16.6382, 21.9593, 38.1012

Complementary

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



27.3728, 21.9593, 29.5839



25.3751, 33.9071, 28.5014

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.



15.3868, 21.9593, 28.0395



27.3728, 21.9593, 29.5839



16.9397, 21.9593, 13.0894

Square

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



27.3728, 21.9593, 29.5839



22.7687, 21.9593, 10.6419



15.4911, 21.9593, 19.0122



19.0830, 21.9593, 45.2014

Rectangle

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



27.3728, 21.9593, 29.5839



26.5373, 21.9593, 15.5350



15.4911, 21.9593, 19.0122



16.0759, 21.9593, 34.8563

Sweetspot

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



27.3734, 21.9603, 29.5843



62.5955, 61.4356, 71.1439



23.0269, 19.4718, 40.5751



13.7718, 13.3825, 15.6281



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.



27.3734, 21.9603, 29.5843



46.3669, 34.5130, 48.6724



25.4103, 21.1751, 19.2468



7.7055, 7.6120, 8.7662



13.8434, 6.9461, 9.2528



0.3616, 0.1789, 0.3555

Inverse Universe

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



27.3734, 21.9603, 29.5843



46.3669, 34.5130, 48.6724



27.7301, 34.8490, 40.9024



7.7055, 7.6120, 8.7662



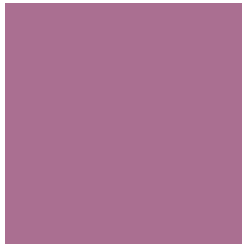
13.8434, 6.9461, 9.2528



0.3616, 0.1789, 0.3555

Previews

White Background



This preview shows how the XYZ color 27.3728, 21.9593, 29.5839 looks on a white background.

Color Contrast Check

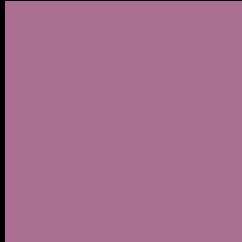
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3728, 21.9593, 29.5839 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 27.3728, 21.9593, 29.5839

Background



This preview shows how black text looks on a background with the XYZ color 27.3728, 21.9593, 29.5839.



This preview shows how white text looks on a background with the XYZ color 27.3728, 21.9593,

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

27.3728, 21.9593, 29.5839

Protanopia

21.8883, 22.0496, 34.5548

Deuteranopia

22.4967, 22.1089, 28.6729



Tritanopia

25.9173, 22.0415, 21.9572

Trichromacy



Original Color

27.3728, 21.9593, 29.5839

Protanomaly

23.4422, 21.7615, 32.6706

Deuteranomaly

24.0080, 21.9538, 28.9587

Tritanomaly

26.5444, 22.1356, 24.7034

Monochromacy



Original Color

27.3728, 21.9593, 29.5839

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.7030, 22.5844, 26.7768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3728, 21.9593, 29.5839 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(170, 111, 145)` looks like.

```
.text, #text, p{  
    color:rgb(170, 111, 145)  
}
```

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(170, 111, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 111, 145) }
```

Border

The CSS property to change the border of an element to XYZ 27.3728, 21.9593, 29.5839 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(170, 111, 145) }
```


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

```
.border{ border-color:rgb(170, 111, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 111, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 111, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 111, 145);  
box-shadow:4px 4px 4px 4px rgb(170, 111,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3728, 21.9593, 29.5839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 111, 145) }
```

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

```
.background{ background-color: rgb(170,  
111, 145) }
```

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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