

Converting Colors

XYZ(31.6794, 22.6981, 28.0707)

Have a look what the booklet for
XYZ(31.6794, 22.6981, 28.0707)
contains.

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Color

**XYZ(31.7095, 22.6998,
27.9095)**

Conversions

Conversions Part 1

Format	Color
Hex	C2658D
RGB	194, 101, 141
RGB Percent	76%, 40%, 55%
CMY	0.2392, 0.6039, 0.4471
CMYK	0.00, 0.48, 0.27, 0.24
HSL	334°, 43%, 58%
HSV	334°, 48%, 76%
XYZ	31.7095, 22.6998, 27.9095
YIQ	133.3670, 42.5880, 32.1560

Conversions

Conversions Part 2

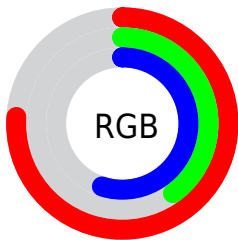
Format	Color
RYB	194, 101, 141
Decimal	12739981
CIELab	54.76, 41.77, -5.04
CIELCh	55, 42.075, 353.116
Yxy	22.6998, 0.3852, 0.2758
Android (android.graphics.Color)	4290930061 (0xFFC2658D)
YUV	133.3670, 3.7631, 53.1751
Hunter-Lab	47.6443, 35.4225, -1.3804

Details

The XYZ color **31.7095, 22.6998, 27.9095** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **30.4924, 43.6839, 37.3988**, and the grayscale version is **22.4046, 23.5714, 25.6693**.

A 20% lighter version of the original color is **61.9139, 47.9340, 57.6187**, and **13.5102, 8.4398, 10.8145** is the 20% darker color. If you saturate the color by 10%, you get **29.2613, 19.0548, 23.2351**, and if you desaturate by 10%, it is **34.6857, 27.2690, 33.1656**.

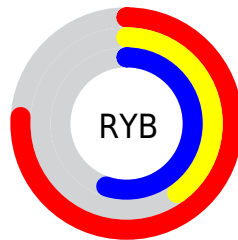
Distribution



Red (76%)

Green (40%)

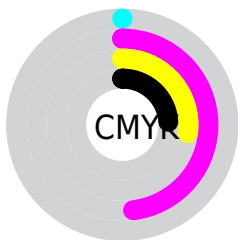
Blue (55%)



Red (76%)

Yellow (40%)

Blue (55%)

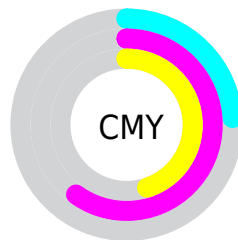


Cyan (0%)

Magenta (48%)

Yellow (27%)

Black (24%)



Cyan (24%)


Magenta (60%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.7095, 22.6998, 27.9095 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 31.7095, 22.6998, 27.9095 by changing the saturation by 10% instead.

 31.7095, 22.6998,
27.9095


 31.7095, 22.6998,
27.9095


301.5627,
266.1793, 305.9325


 21.2942, 14.3720,
18.0190


 61.7237, 47.8999,
57.3613


 13.4529, 8.3798,
10.7940


 82.0532, 65.5410,
77.7596

 7.8203, 4.3390,
5.8161


 106.4183, 87.0554,
102.4977

 4.0310, 1.8649,
2.6666

 135.1841,
112.8274, 131.9940

 1.7197, 0.5272,
0.9265

168.7161,
143.2413, 166.6671

 0.4685, 0.0000,
0.0000

207.3796,

 0.0000, 0.0000,

178.6817, 206.9356

0.0000

251.5400,
219.5329, 253.2178

■ 31.7095, 22.6998,
27.9095

■ 31.7095, 22.6998,
27.9095

■ 29.2613, 19.0548,
23.2351

■ 34.6857, 27.2690,
33.1656

■ 27.3050, 16.2662,
19.1180

■ 38.2189, 32.8172,
39.0237

■ 25.8028, 14.2621,
15.5332


■ 42.3383, 39.3991,
45.5047


■ 24.7098, 12.9572,
12.4529


■ 47.0702, 47.0641,
52.6278


■ 23.9600, 12.2237,
9.8413


■ 52.4396, 55.8586,
60.4115

 23.8264, 12.1006,
9.3519

 58.4698, 65.8261,
68.8733

 65.1829, 77.0080,
78.0302

 72.2143, 88.6718,
87.7697

 73.8121, 89.3109,
96.1834

Harmonies

Analogous

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



29.5343, 22.6998, 43.4602



31.7095, 22.6998, 27.9095



30.8734, 22.6998, 15.9747

Triad

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



31.7095, 22.6998, 27.9095



18.2564, 22.6998, 7.8686



16.6479, 22.6998, 51.3309

Complementary

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



31.7095, 22.6998, 27.9095



30.4924, 43.6839, 37.3988

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.



14.3613, 22.6998, 36.1764



31.7095, 22.6998, 27.9095



15.1927, 22.6998, 12.3259

Square

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



31.7095, 22.6998, 27.9095



22.6634, 22.6998, 7.0290



13.8695, 22.6998, 21.7763



20.5229, 22.6998, 59.7880

Rectangle

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



31.7095, 22.6998, 27.9095



28.7717, 22.6998, 11.0344



13.8695, 22.6998, 21.7763



15.6920, 22.6998, 46.6375

Sweetspot

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



31.7101, 22.7009, 27.9099



79.7577, 76.3041, 87.0975



27.6617, 20.0444, 53.4500



17.0661, 16.0637, 18.4652



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



31.7101, 22.7009, 27.9099



52.6267, 33.9582, 41.3177



29.8765, 22.9673, 15.1718



10.2490, 10.1482, 11.4017



15.7045, 7.9716, 6.3562



0.7130, 0.3582, 0.4562

Inverse Universe

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



31.7101, 22.7009, 27.9099



52.6267, 33.9582, 41.3177



33.0457, 42.5433, 57.5090



10.2490, 10.1482, 11.4017



15.7045, 7.9716, 6.3562



0.7130, 0.3582, 0.4562

Previews

White Background



This preview shows how the XYZ color 31.7095, 22.6998, 27.9095 looks on a white background.

Color Contrast Check

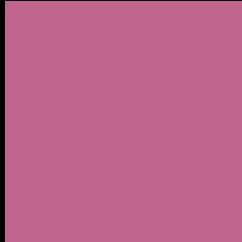
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.7095, 22.6998, 27.9095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

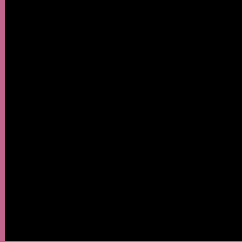
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.7095, 22.6998, 27.9095

Background



This preview shows how black text looks on a background with the XYZ color 31.7095, 22.6998, 27.9095.



This preview shows how white text looks on a background with the XYZ color 31.7095, 22.6998,

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

31.7095, 22.6998, 27.9095

Protanopia

22.7852, 22.8633, 36.4699

Deuteranopia

23.3899, 22.9953, 26.8727



Tritanopia

29.6772, 22.5993, 18.7175

Trichromacy



Original Color

31.7095, 22.6998, 27.9095

Protanomaly

24.9243, 21.9776, 33.0654

Deuteranomaly

25.7638, 22.3689, 27.0045

Tritanomaly

30.3266, 22.5623, 21.8254

Monochromacy



Original Color

31.7095, 22.6998, 27.9095

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.7989, 22.4209, 26.3132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7095, 22.6998, 27.9095 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(194, 101, 141)` looks like.

```
.text, #text, p{  
    color:rgb(194, 101, 141)  
}
```

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(194, 101, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 101, 141) }
```

Border

The CSS property to change the border of an element to XYZ 31.7095, 22.6998, 27.9095 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(194, 101, 141) }
```


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

```
.border{ border-color:rgb(194, 101, 141) }
```

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

Here you see how a box with a 4 pixel rgb(194, 101, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 101, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 101, 141);  
box-shadow:4px 4px 4px 4px rgb(194, 101,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7095, 22.6998, 27.9095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 101, 141) }
```

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

```
.background{ background-color: rgb(194,  
101, 141) }
```

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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