

Converting Colors

XYZ(29.3686, 20.7382, 21.9916)

Have a look what the booklet for
XYZ(29.3686, 20.7382, 21.9916)
contains.

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Color

**XYZ(29.2797, 20.7415,
21.8623)**

Conversions

Conversions Part 1

Format	Color
Hex	BF5F7D
RGB	191, 95, 125
RGB Percent	75%, 37%, 49%
CMY	0.2510, 0.6274, 0.5098
CMYK	0.00, 0.50, 0.35, 0.25
HSL	341°, 43%, 56%
HSV	341°, 50%, 75%
XYZ	29.2797, 20.7415, 21.8623
YIQ	127.1240, 47.5860, 29.6820

Conversions

Conversions Part 2

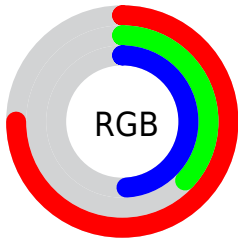
Format	Color
R_{YB}	191, 95, 125
Decimal	12541821
CIE _{Lab}	52.67, 41.71, 1.27
CIE _{LCh}	53, 41.734, 1.750
Yxy	20.7415, 0.4073, 0.2885
Android (android.graphics.Color)	4290731901 (0xFFBF5F7D)
YUV	127.1240, -1.0471, 56.0193
Hunter-Lab	45.5428, 35.0585, 3.4185

Details

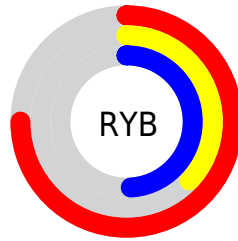
The XYZ color **29.2797, 20.7415, 21.8623** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **29.7842, 42.2681, 40.3095**, and the grayscale version is **20.2081, 21.2605, 23.1527**.

A 20% lighter version of the original color is **57.9501, 44.6781, 47.1644**, and **11.9999, 7.3179, 7.6175** is the 20% darker color. If you saturate the color by 10%, you get **26.9811, 17.3992, 17.2272**, and if you desaturate by 10%, it is **32.1121, 24.9737, 27.2230**.

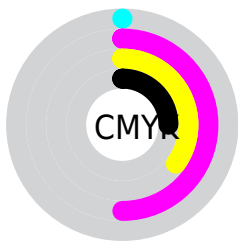
Distribution



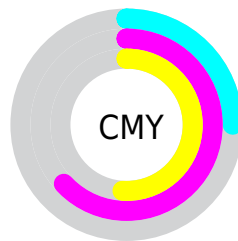
- Red (75%)
- Green (37%)
- Blue (49%)



- Red (75%)
- Yellow (37%)
- Blue (49%)



- Cyan (0%)
- Magenta (50%)
- Yellow (35%)
- Black (25%)



- Cyan (25%)
- Magenta (63%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.2797, 20.7415, 21.8623 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 29.2797, 20.7415, 21.8623 by changing the saturation by 10% instead.


 29.2797, 20.7415,
21.8623


 29.2797, 20.7415,
21.8623

290.5028,
255.9015, 274.7563


 19.4379, 12.9352,
13.5584


 57.9157, 44.6569,
47.4176


 12.0930, 7.3839,
7.6790

 77.4405, 61.5348,
65.5060

 6.8797, 3.7033,
3.8054


 100.9237, 82.2053,
87.6931

 3.4326, 1.5090,
1.5192

 128.7307,
107.0529, 114.3973

 1.3865, 0.2951,
0.2322

161.2267,
136.4619, 146.0372

 0.2465, 0.0000,
0.0000

198.7771,

 0.0000, 0.0000,

170.8168, 183.0313

0.0000

241.7474,
210.5018, 225.7982

■ 29.2797, 20.7415,
21.8623

■ 29.2797, 20.7415,
21.8623

■ 26.9811, 17.3992,
17.2272

■ 32.1121, 24.9737,
27.2230

■ 25.1789, 14.8793,
13.2834

■ 35.5090, 30.1509,
33.3391

■ 23.8334, 13.1094,
9.9950

■ 39.5005, 36.3270,
40.2399

■ 22.8972, 12.0029,
7.3220

■ 44.1141, 43.5512,
47.9528

■ 22.2930, 11.3992,
5.2561

■ 49.3757, 51.8695,
56.5039

■ 55.3094, 61.3249,
65.9180

■ 61.9384, 71.9582,
76.2188

■ 69.2844, 83.8082,
87.4292

■ 73.4519, 89.0788,
98.2657

Harmonies

Analogous

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



28.0106, 20.7415, 35.8794



29.2797, 20.7415, 21.8623



27.6899, 20.7415, 12.2032

Triad

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



29.2797, 20.7415, 21.8623



15.6434, 20.7415, 7.7543



16.0246, 20.7415, 50.8321

Complementary

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



29.2797, 20.7415, 21.8623



29.7842, 42.2681, 40.3095

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.



13.4391, 20.7415, 37.6274



29.2797, 20.7415, 21.8623



13.2427, 20.7415, 13.0608

Square

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



29.2797, 20.7415, 21.8623



19.4606, 20.7415, 6.1351



12.4983, 20.7415, 23.3213



19.9700, 20.7415, 55.8556

Rectangle

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



29.2797, 20.7415, 21.8623



25.3408, 20.7415, 8.5410



12.4983, 20.7415, 23.3213



14.9889, 20.7415, 47.0117

Sweetspot

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



29.2803, 20.7425, 21.8627



74.7525, 71.3187, 78.8213



28.1145, 19.4829, 51.5689



16.0333, 15.0641, 16.6683



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



29.2803, 20.7425, 21.8627



48.0725, 30.8042, 30.3267



29.4128, 23.6250, 13.8378



9.6497, 9.5842, 10.5441



14.6831, 7.5044, 3.6248



0.6055, 0.3061, 0.3017

Inverse Universe

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



29.2803, 20.7425, 21.8627



48.0725, 30.8042, 30.3267



29.1445, 36.2359, 54.7482



9.6497, 9.5842, 10.5441



14.6831, 7.5044, 3.6248



0.6055, 0.3061, 0.3017

Previews

White Background



This preview shows how the XYZ color 29.2797, 20.7415, 21.8623 looks on a white background.

Color Contrast Check

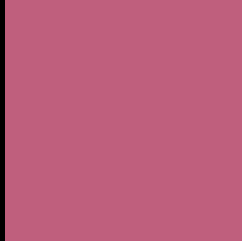
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2797, 20.7415, 21.8623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

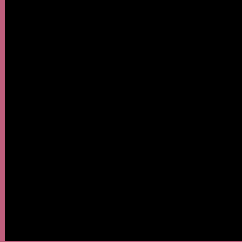
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.2797, 20.7415, 21.8623

Background



This preview shows how black text looks on a background with the XYZ color 29.2797, 20.7415, 21.8623.



This preview shows how white text looks on a background with the XYZ color 29.2797, 20.7415,

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

29.2797, 20.7415, 21.8623

Protanopia

20.4599, 20.8614, 28.9349

Deuteranopia

21.2259, 20.8750, 20.9997



Tritanopia

28.0496, 20.7831, 16.1688

Trichromacy



Original Color

29.2797, 20.7415, 21.8623

Protanomaly

22.6740, 20.1081, 25.9788

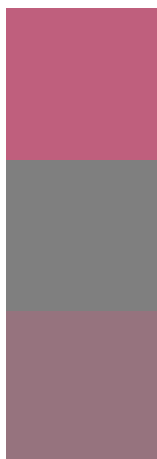
Deuteranomaly

23.6051, 20.3644, 21.0990

Tritanomaly

28.5835, 20.8748, 18.1455

Monochromacy



Original Color

29.2797, 20.7415, 21.8623

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.4743, 20.2519, 22.4631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2797, 20.7415, 21.8623 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(191, 95, 125)` looks like.

```
.text, #text, p{  
    color:rgb(191, 95, 125)  
}
```

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(191, 95, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 95, 125) }
```

Border

The CSS property to change the border of an element to XYZ 29.2797, 20.7415, 21.8623 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(191, 95, 125) }
```


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

```
.border{ border-color:rgb(191, 95, 125) }
```

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

Here you see how a box with a 4 pixel rgb(191, 95, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 95, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 95, 125);  
box-shadow:4px 4px 4px 4px rgb(191, 95,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2797, 20.7415, 21.8623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 95, 125) }
```

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

```
.background{ background-color: rgb(191, 95,  
125) }
```

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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