

Converting Colors

XYZ(29.0363, 18.6900, 20.6310)

Have a look what the booklet for
XYZ(29.0363, 18.6900, 20.6310)
contains.

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Color

**XYZ(29.0738, 18.7329,
20.4958)**

Conversions

Conversions Part 1

Format	Color
Hex	C44F7A
RGB	196, 79, 122
RGB Percent	77%, 31%, 48%
CMY	0.2314, 0.6902, 0.5216
CMYK	0.00, 0.60, 0.38, 0.23
HSL	338°, 50%, 54%
HSV	338°, 60%, 77%
XYZ	29.0738, 18.7329, 20.4958
YIQ	118.8850, 55.9290, 38.1770

Conversions

Conversions Part 2

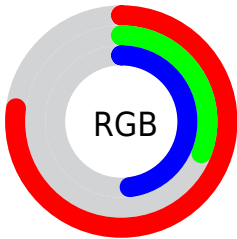
Format	Color
R_{YB}	196, 79, 122
Decimal	12865402
CIE _{Lab}	50.37, 50.80, -0.18
CIE _{LCh}	50, 50.801, 359.792
Yxy	18.7329, 0.4257, 0.2743
Android (android.graphics.Color)	4291055482 (0xFFC44F7A)
YUV	118.8850, 1.5357, 67.6299
Hunter-Lab	43.2815, 44.1624, 2.2205

Details

The XYZ color **29.0738, 18.7329, 20.4958** is a dark color, and the websafe version is hex **CC6699**. The color can be described as dark muted rose. A complement of this color would be **28.7153, 43.4425, 37.0116**, and the grayscale version is **17.4819, 18.3924, 20.0293**.

A 20% lighter version of the original color is **57.2675, 41.0911, 44.9574**, and **11.9501, 6.3634, 7.0770** is the 20% darker color. If you saturate the color by 10%, you get **27.1428, 16.0229, 16.3010**, and if you desaturate by 10%, it is **31.5205, 22.3175, 25.3464**.

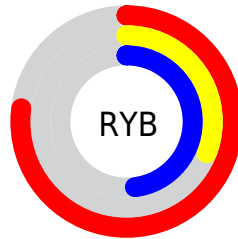
Distribution



Red (77%)

Green (31%)

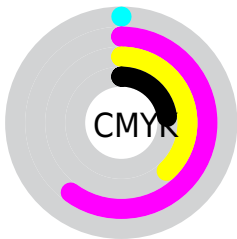
Blue (48%)



Red (77%)

Yellow (31%)

Blue (48%)

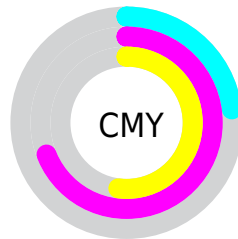


Cyan (0%)

Magenta (60%)

Yellow (38%)

Black (23%)



Cyan (23%)

Magenta (69%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0738, 18.7329, 20.4958 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 29.0738, 18.7329, 20.4958 by changing the saturation by 10% instead.

■ 29.0738, 18.7329,
20.4958

■ 29.0738, 18.7329,
20.4958

289.5509,
244.9702, 267.2791

■ 19.2812, 11.4774,
12.5683

■ 57.5911, 41.2823,
45.1167

■ 11.9789, 6.3889,
7.0048

■ 77.0465, 57.3450,
62.6472

■ 6.8014, 3.0830,
3.3866

■ 100.4535, 77.1122,
84.2158

■ 3.3834, 1.1752,
1.2953

■ 128.1776,
100.9684, 110.2411

■ 1.3596, 0.0413,
0.0579

■ 160.5840,
129.2979, 141.1415

■ 0.2272, 0.0000,
0.0000

198.0381,

■ 0.0000, 0.0000,

162.4851, 177.3356

0.0000

240.9053,
200.9144, 219.2420

■ 29.0738, 18.7329,
20.4958

■ 29.0738, 18.7329,
20.4958

■ 27.1428, 16.0229,
16.3010

■ 31.5205, 22.3175,
25.3464

■ 25.6845, 14.1073,
12.7290

■ 34.5182, 26.8416,
30.8811

■ 24.6509, 12.8963,
9.7445

■ 38.1005, 32.3673,
37.1278

■ 23.9547, 12.2222,
7.2981

■ 42.2979, 38.9504,
44.1122

■ 23.9356, 12.2040,
7.2297

■ 47.1388, 46.6429,
51.8586

■ 52.6496, 55.4930,
60.3902

■ 58.8554, 65.5462,
69.7293

■ 65.7798, 76.8455,
79.8970

■ 73.3153, 89.1719,
90.8704

Harmonies

Analogous

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



27.3241, 18.7329, 37.3444



29.0738, 18.7329, 20.4958



27.3700, 18.7329, 9.6584

Triad

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



29.0738, 18.7329, 20.4958



13.4960, 18.7329, 4.7386



13.4465, 18.7329, 54.0300

Complementary

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



29.0738, 18.7329, 20.4958



28.7153, 43.4425, 37.0116

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.



10.7770, 18.7329, 37.0891



29.0738, 18.7329, 20.4958



10.8017, 18.7329, 9.5550

Square

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



29.0738, 18.7329, 20.4958



17.8395, 18.7329, 3.5073



9.9047, 18.7329, 20.2984



17.7706, 18.7329, 61.4038

Rectangle

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



29.0738, 18.7329, 20.4958



24.6569, 18.7329, 5.8900



9.9047, 18.7329, 20.2984



12.3570, 18.7329, 48.9703

Sweetspot

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



29.0743, 18.7339, 20.4961



77.7880, 72.3992, 81.8029



25.5511, 16.1724, 53.9994



16.1330, 14.6802, 16.6661



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.



29.0743, 18.7339, 20.4961



48.1695, 27.6778, 27.1802



28.0607, 20.0688, 9.7932



10.2228, 10.1377, 11.2638



15.4179, 7.8569, 4.8466



0.6995, 0.3528, 0.3849

Inverse Universe

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



29.0743, 18.7339, 20.4961



48.1695, 27.6778, 27.1802



29.9887, 39.2479, 58.2196



10.2228, 10.1377, 11.2638



15.4179, 7.8569, 4.8466



0.6995, 0.3528, 0.3849

Previews

White Background



This preview shows how the XYZ color 29.0738, 18.7329, 20.4958 looks on a white background.

Color Contrast Check

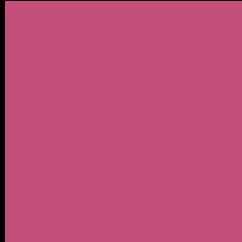
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0738, 18.7329, 20.4958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

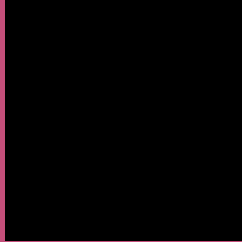
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.0738, 18.7329, 20.4958

Background



This preview shows how black text looks on a background with the XYZ color 29.0738, 18.7329, 20.4958.



This preview shows how white text looks on a background with the XYZ color 29.0738, 18.7329,

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

29.0738, 18.7329, 20.4958

Protanopia

18.8027, 18.8776, 30.2565

Deuteranopia

19.2293, 18.8201, 19.1421



Tritanopia

27.3850, 18.7217, 12.0678

Trichromacy



Original Color

29.0738, 18.7329, 20.4958

Protanomaly

21.0394, 17.6649, 26.3455

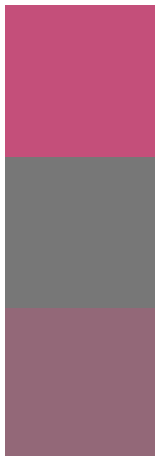
Deuteranomaly

22.0249, 18.1766, 19.4871

Tritanomaly

27.9972, 18.7479, 14.7135

Monochromacy



Original Color

29.0738, 18.7329, 20.4958

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

20.3731, 17.4597, 20.0656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0738, 18.7329, 20.4958 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(196, 79, 122)` looks like.

```
.text, #text, p{  
    color:rgb(196, 79, 122)  
}
```

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(196, 79, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 79, 122) }
```

Border

The CSS property to change the border of an element to XYZ 29.0738, 18.7329, 20.4958 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(196, 79, 122) }
```


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

```
.border{ border-color:rgb(196, 79, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 79, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 79, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 79, 122);  
box-shadow:4px 4px 4px 4px rgb(196, 79,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0738, 18.7329, 20.4958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 79, 122) }
```

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

```
.background{ background-color: rgb(196, 79,  
122) }
```

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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