

Converting Colors

XYZ(28.1787, 17.8754, 22.3271)

Have a look what the booklet for
XYZ(28.1787, 17.8754, 22.3271)
contains.

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Color

**XYZ(28.2190, 17.9339,
22.3964)**

Conversions

Conversions Part 1

Format	Color
Hex	C04C80
RGB	192, 76, 128
RGB Percent	75%, 30%, 50%
CMY	0.2471, 0.7019, 0.4980
CMYK	0.00, 0.60, 0.33, 0.25
HSL	333°, 48%, 53%
HSV	333°, 60%, 75%
XYZ	28.2190, 17.9339, 22.3964
YIQ	116.6120, 52.4440, 40.7640

Conversions

Conversions Part 2

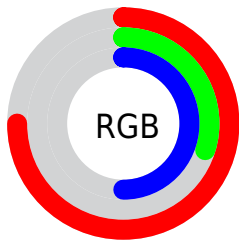
Format	Color
RYB	192, 76, 128
Decimal	12602496
CIELab	49.42, 51.59, -5.27
CIELCh	49, 51.862, 354.163
Yxy	17.9339, 0.4117, 0.2616
Android (android.graphics.Color)	4290792576 (0xFFC04C80)
YUV	116.6120, 5.6143, 66.1153
Hunter-Lab	42.3484, 44.8342, -1.7122

Details

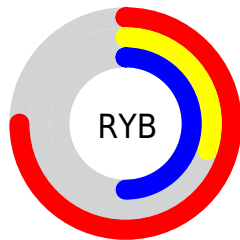
The XYZ color **28.2190, 17.9339, 22.3964** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **26.5648, 41.1298, 31.3521**, and the grayscale version is **16.7613, 17.6342, 19.2036**.

A 20% lighter version of the original color is **56.1068, 39.8107, 48.4431**, and **11.5600, 6.0295, 7.9517** is the 20% darker color. If you saturate the color by 10%, you get **26.4267, 15.4076, 18.5365**, and if you desaturate by 10%, it is **30.4797, 21.2804, 26.7720**.

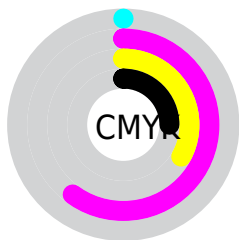
Distribution



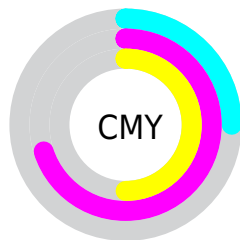
- Red (75%)
- Green (30%)
- Blue (50%)



- Red (75%)
- Yellow (30%)
- Blue (50%)



- Cyan (0%)
- Magenta (60%)
- Yellow (33%)
- Black (25%)





- Cyan (25%)
- Magenta (70%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.2190, 17.9339, 22.3964 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 28.2190, 17.9339, 22.3964 by changing the saturation by 10% instead.

 28.2190, 17.9339,
22.3964


 28.2190, 17.9339,
22.3964


285.5730,
240.4982, 277.6302


 18.6321, 10.9025,
13.9474


 56.2401, 39.9247,
48.3109

 11.5072, 6.0013,
7.9457


 75.4050, 55.6529,
66.6134


 6.4789, 2.8459,
3.9730


 98.4933, 75.0488,
89.0374

 3.1818, 1.0518,
1.6105

 125.8704, 98.4968,
116.0016

 1.2506, 0.0000,
0.2983

 157.9015,
126.3814, 147.9244

 0.1458, 0.0000,
0.0000

194.9521,

 0.0000, 0.0000,

159.0869, 185.2244

0.0000

237.3875,
196.9977, 228.3202

■ 28.2190, 17.9339,
22.3964

■ 28.2190, 17.9339,
22.3964

■ 26.4267, 15.4076,
18.5365

■ 30.4797, 21.2804,
26.7720

■ 25.0629, 13.6253,
15.1675

■ 33.2414, 25.5090,
31.6842

■ 24.0827, 12.5010,
12.2631

■ 36.5352, 30.6786,
37.1535

■ 23.4206, 11.8794,
9.8761

■ 40.3892, 36.8423,
43.1991

■ 44.8294, 44.0490,
49.8388

■ 49.8802, 52.3448,
57.0900

■ 55.5646, 61.7725,
64.9688

■ 61.9043, 72.3729,
73.4910

■ 68.9199, 84.1848,
82.6718

Harmonies

Analogous

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



25.8641, 17.9339, 39.9248



28.2190, 17.9339, 22.3964



27.1478, 17.9339, 10.4458

Triad

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



28.2190, 17.9339, 22.3964



13.4782, 17.9339, 3.8191



12.1106, 17.9339, 50.5165

Complementary

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



28.2190, 17.9339, 22.3964



26.5648, 41.1298, 31.3521

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.



9.8237, 17.9339, 32.7589



28.2190, 17.9339, 22.3964



10.5011, 17.9339, 7.6208

Square

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



28.2190, 17.9339, 22.3964



18.0201, 17.9339, 3.1187



9.2964, 17.9339, 16.9137



16.1069, 17.9339, 60.4517

Rectangle

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



28.2190, 17.9339, 22.3964



24.7222, 17.9339, 6.1301



9.2964, 17.9339, 16.9137



11.1495, 17.9339, 44.9484

Sweetspot

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



28.2195, 17.9348, 22.3967



74.8019, 69.3696, 80.7394



22.8814, 14.5339, 51.4687



15.5702, 14.1121, 16.5932



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.



28.2195, 17.9348, 22.3967



47.1324, 26.9045, 31.8275



26.0457, 17.7338, 8.8889



10.2566, 10.1513, 11.4420



15.7976, 8.0088, 6.8460



0.7172, 0.3599, 0.4784

Inverse Universe

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



28.2195, 17.9348, 22.3967



47.1324, 26.9045, 31.8275



30.0967, 40.5449, 56.1090



10.2566, 10.1513, 11.4420



15.7976, 8.0088, 6.8460



0.7172, 0.3599, 0.4784

Previews

White Background



This preview shows how the XYZ color 28.2190, 17.9339, 22.3964 looks on a white background.

Color Contrast Check

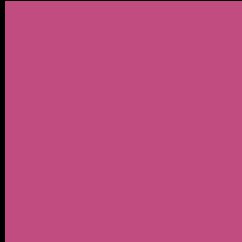
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.2190, 17.9339, 22.3964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

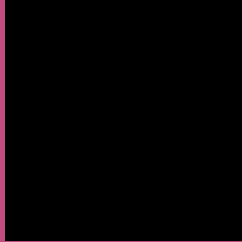
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.2190, 17.9339, 22.3964

Background



This preview shows how black text looks on a background with the XYZ color 28.2190, 17.9339, 22.3964.



This preview shows how white text looks on a background with the XYZ color 28.2190, 17.9339,

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

28.2190, 17.9339, 22.3964

Protanopia

18.4620, 18.2773, 33.5652

Deuteranopia

18.4323, 18.0290, 20.9208



Tritanopia

26.0021, 17.8976, 11.7570

Trichromacy



Original Color

28.2190, 17.9339, 22.3964

Protanomaly

20.5097, 17.0360, 28.9954

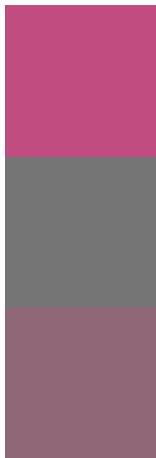
Deuteranomaly

20.9578, 17.1489, 21.2743

Tritanomaly

26.6763, 17.8315, 15.1325

Monochromacy



Original Color

28.2190, 17.9339, 22.3964

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.7042, 16.8125, 20.2958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2190, 17.9339, 22.3964 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(192, 76, 128)` looks like.

```
.text, #text, p{  
    color:rgb(192, 76, 128)  
}
```

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(192, 76, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 76, 128) }
```

Border

The CSS property to change the border of an element to XYZ 28.2190, 17.9339, 22.3964 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(192, 76, 128) }
```


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

```
.border{ border-color:rgb(192, 76, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 76, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 76, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 76, 128);  
box-shadow:4px 4px 4px 4px rgb(192, 76,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2190, 17.9339, 22.3964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 76, 128) }
```

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

```
.background{ background-color: rgb(192, 76,  
128) }
```

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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