

Converting Colors

XYZ(28.7633, 17.3239, 27.8145)

Have a look what the booklet for
XYZ(28.7633, 17.3239, 27.8145)
contains.

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Color

**XYZ(28.7633, 17.3239,
27.8145)**

Conversions

Conversions Part 1

Format	Color
Hex	C0448F
RGB	192, 68, 143
RGB Percent	75%, 27%, 56%
CMY	0.2471, 0.7333, 0.4392
CMYK	0.00, 0.65, 0.26, 0.25
HSL	324°, 50%, 51%
HSV	324°, 65%, 75%
XYZ	28.7633, 17.3239, 27.8145
YIQ	113.6260, 49.8290, 49.6130

Conversions

Conversions Part 2

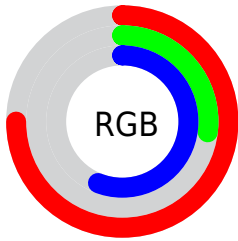
Format	Color
R_{YB}	192, 68, 143
Decimal	12600463
CIE _{Lab}	48.67, 56.96, -15.41
CIE _{LCh}	49, 59.005, 344.862
Yxy	17.3239, 0.3892, 0.2344
Android (android.graphics.Color)	4290790543 (0xFFC0448F)
YUV	113.6260, 14.4814, 68.7340
Hunter-Lab	41.6220, 50.5158, -10.4860

Details

The XYZ color **28.7633, 17.3239, 27.8145** is a dark color, and the websafe version is hex **CC3399**, and the color name is **red-violet (crayola)**. The color can be described as middle muted rose. A complement of this color would be **24.4454, 40.2131, 23.3052**, and the grayscale version is **15.8309, 16.6553, 18.1376**.

A 20% lighter version of the original color is **57.0694, 38.9558, 57.3346**, and **11.9675, 5.9412, 10.8719** is the 20% darker color. If you saturate the color by 10%, you get **27.2309, 15.1480, 24.5631**, and if you desaturate by 10%, it is **30.7158, 20.2775, 31.3981**.

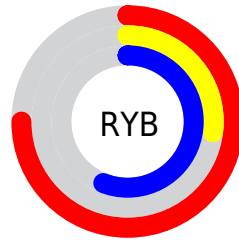
Distribution



Red (75%)

Green (27%)

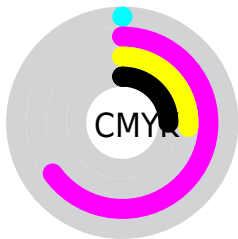
Blue (56%)



Red (75%)

Yellow (27%)

Blue (56%)

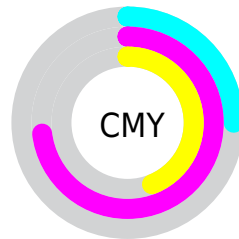


Cyan (0%)

Magenta (65%)

Yellow (26%)

Black (25%)



Cyan (25%)


Magenta (73%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7633, 17.3239, 27.8145 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 28.7633, 17.3239, 27.8145 by changing the saturation by 10% instead.

 28.7633, 17.3239,
27.8145

 28.7633, 17.3239,
27.8145


288.1109,
237.0321, 305.4635


 19.0452, 10.4657,
17.9481


 57.1010, 38.8818,
57.2077


 11.8072, 5.7088,
10.7436


 76.4513, 54.3504,
77.5715


 6.6838, 2.6688,
5.7827


 99.7430, 73.4578,
102.2715

 3.3097, 0.9614,
2.6468

 127.3416, 96.5885,
131.7262

 1.3196, 0.0000,
0.9165

 159.6123,
124.1269, 166.3543

 0.1978, 0.0000,
0.0000

196.9205,

 0.0000, 0.0000,

156.4573, 206.5741

0.0000

239.6316,
193.9643, 252.8043

■ 28.7633, 17.3239,
27.8145

■ 28.7633, 17.3239,
27.8145

■ 27.2309, 15.1480,
24.5631

■ 30.7158, 20.2775,
31.3981

■ 26.0775, 13.6692,
21.6259

■ 33.1211, 24.0733,
35.3280

■ 25.2559, 12.7943,
18.9836

■ 36.0102, 28.7724,
39.6182

■ 24.8980, 12.4704,
17.6561

■ 39.4111, 34.4291,
44.2815

■ 43.3492, 41.0936,
49.3298

■ 47.8484, 48.8125,
54.7744

■ 52.9312, 57.6296,
60.6258

■ 58.6186, 67.5859,
66.8944

■ 64.9306, 78.7207,
73.5898

Harmonies

Analogous

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



24.9986, 17.3239, 49.0493



28.7633, 17.3239, 27.8145



28.7823, 17.3239, 12.1769

Triad

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



28.7633, 17.3239, 27.8145



13.9267, 17.3239, 2.1985



10.1103, 17.3239, 48.8563

Complementary

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



28.7633, 17.3239, 27.8145



24.4454, 40.2131, 23.3052

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.



8.2856, 17.3239, 27.6340



28.7633, 17.3239, 27.8145



10.1361, 17.3239, 4.6024

Square

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



28.7633, 17.3239, 27.8145



19.3505, 17.3239, 2.2074



8.2938, 17.3239, 12.0729



13.8832, 17.3239, 65.0555

Rectangle

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



28.7633, 17.3239, 27.8145



26.6230, 17.3239, 6.4006



8.2938, 17.3239, 12.0729



9.2896, 17.3239, 41.6818

Sweetspot

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



28.7638, 17.3248, 27.8148



75.0506, 68.5207, 84.9726



18.7232, 11.6223, 51.1259



15.6665, 13.9663, 17.6685



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.



28.7638, 17.3248, 27.8148



48.5015, 26.3296, 42.4978



25.3469, 15.9580, 9.8216



10.3233, 10.1779, 11.7928



16.7928, 8.4069, 12.0871



0.7587, 0.3765, 0.6968

Inverse Universe

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



28.7638, 17.3248, 27.8148



48.5015, 26.3296, 42.4978



29.2233, 42.1243, 48.4654



10.3233, 10.1779, 11.7928



16.7928, 8.4069, 12.0871



0.7587, 0.3765, 0.6968

Previews

White Background



This preview shows how the XYZ color 28.7633, 17.3239, 27.8145 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 28.7633, 17.3239, 27.8145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

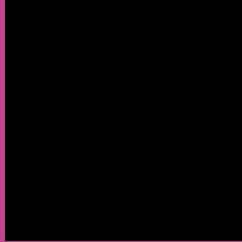
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.7633, 17.3239, 27.8145

Background



This preview shows how black text looks on a background with the XYZ color 28.7633, 17.3239, 27.8145.



This preview shows how white text looks on a background with the XYZ color 28.7633, 17.3239,

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

28.7633, 17.3239, 27.8145

Protanopia

18.5692, 17.5886, 44.0112

Deuteranopia

17.8203, 17.4394, 25.7195



Tritanopia

25.2311, 17.2875, 11.0238

Trichromacy



Original Color

28.7633, 17.3239, 27.8145

Protanomaly

20.2721, 16.0118, 37.6194

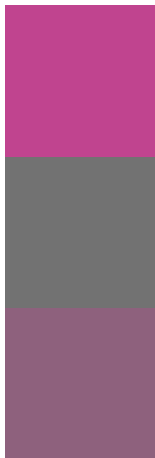
Deuteranomaly

20.6119, 16.4332, 26.5117

Tritanomaly

26.2940, 17.1881, 15.8417

Monochromacy



Original Color

28.7633, 17.3239, 27.8145

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

19.1317, 15.7808, 21.4397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7633, 17.3239, 27.8145 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, 68, 143)` looks like.

```
.text, #text, p{  
    color:rgb(192, 68, 143)  
}
```

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, 68, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 68, 143) }
```

Border

The CSS property to change the border of an element to XYZ 28.7633, 17.3239, 27.8145 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, 68, 143) }
```


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

```
.border{ border-color:rgb(192, 68, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 68, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 68, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 68, 143);  
box-shadow:4px 4px 4px 4px rgb(192, 68,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7633, 17.3239, 27.8145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 68, 143) }
```

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

```
.background{ background-color: rgb(192, 68,  
143) }
```

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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