

Converting Colors

XYZ(28.6267, 17.5848, 18.6380)

Have a look what the booklet for
XYZ(28.6267, 17.5848, 18.6380)
contains.

XYZ(28.6277, 17.5464, 18.7076)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.6277, 17.5464,
18.7076)**

Conversions

Conversions Part 1

Format	Color
Hex	C64575
RGB	198, 69, 117
RGB Percent	78%, 27%, 46%
CMY	0.2235, 0.7294, 0.5412
CMYK	0.00, 0.65, 0.41, 0.22
HSL	338°, 53%, 52%
HSV	338°, 65%, 78%
XYZ	28.6277, 17.5464, 18.7076
YIQ	113.0430, 61.4760, 42.2760

Conversions

Conversions Part 2

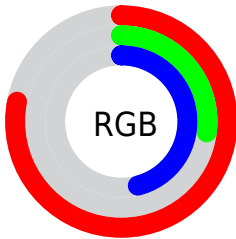
Format	Color
R_{YB}	198, 69, 117
Decimal	12993909
CIE _{Lab}	48.94, 55.24, 0.78
CIE _{LCh}	49, 55.247, 0.811
Yxy	17.5464, 0.4412, 0.2704
Android (android.graphics.Color)	4291183989 (0xFFC64575)
YUV	113.0430, 1.9508, 74.5073
Hunter-Lab	41.8884, 48.6871, 2.8427

Details

The XYZ color **28.6277, 17.5464, 18.7076** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **28.1545, 43.8558, 35.8384**, and the grayscale version is **15.6913, 16.5085, 17.9777**.

A 20% lighter version of the original color is **55.6091, 38.5399, 42.0441**, and **11.7216, 5.9186, 6.1548** is the 20% darker color. If you saturate the color by 10%, you get **26.9233, 15.2309, 14.7691**, and if you desaturate by 10%, it is **30.8364, 20.7151, 23.2935**.

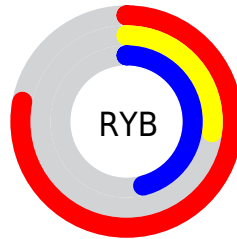
Distribution



Red (78%)

Green (27%)

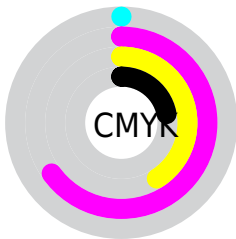
Blue (46%)



Red (78%)

Yellow (27%)

Blue (46%)

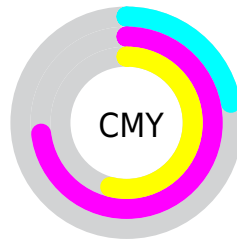


Cyan (0%)

Magenta (65%)

Yellow (41%)

Black (22%)



Cyan (22%)


Magenta (73%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6277, 17.5464, 18.7076 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 28.6277, 17.5464, 18.7076 by changing the saturation by 10% instead.

 28.6277, 17.5464,
18.7076


 28.6277, 17.5464,
18.7076


287.4803,
238.3017, 257.1985


 18.9422, 10.6248,
11.2845

 56.8867, 39.2629,
42.0695

 11.7323, 5.8152,
6.1420


 76.1910, 54.8265,
58.8454


 6.6326, 2.7330,
2.8614


 99.4322, 74.0397,
79.5761

 3.2777, 0.9940,
1.0243

 126.9757, 97.2868,
104.6799

 1.3022, 0.0000,
0.0000

 159.1870,
124.9521, 134.5755

 0.1849, 0.0000,
0.0000

196.4312,

 0.0000, 0.0000,

157.4201, 169.6815

0.0000

239.0739,
195.0752, 210.4163

■ 28.6277, 17.5464,
18.7076

■ 28.6277, 17.5464,
18.7076

■ 26.9233, 15.2309,
14.7691

■ 30.8364, 20.7151,
23.2935

■ 25.6757, 13.6797,
11.4432

■ 33.5881, 24.8086,
28.5571

■ 24.8299, 12.7891,
8.6915

■ 36.9189, 29.8939,
34.5274

■ 24.5135, 12.4957,
7.5399

■ 40.8616, 36.0310,
41.2312

■ 45.4463, 43.2754,
48.6940

■ 50.7010, 51.6782,
56.9397

■ 56.6521, 61.2878,
65.9914

■ 63.3245, 72.1494,
75.8710

■ 70.7419, 84.3060,
86.5995

Harmonies

Analogous

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



26.8687, 17.5464, 36.4822



28.6277, 17.5464, 18.7076



26.6771, 17.5464, 7.9722

Triad

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



28.6277, 17.5464, 18.7076



12.1136, 17.5464, 3.6553



12.3102, 17.5464, 55.9563

Complementary

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



28.6277, 17.5464, 18.7076



28.1545, 43.8558, 35.8384

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.



9.5527, 17.5464, 37.5597



28.6277, 17.5464, 18.7076



9.4567, 17.5464, 8.3656

Square

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



28.6277, 17.5464, 18.7076



16.5380, 17.5464, 2.4844



8.6240, 17.5464, 19.5081



16.8175, 17.5464, 63.6280

Rectangle

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



28.6277, 17.5464, 18.7076



23.7274, 17.5464, 4.4999



8.6240, 17.5464, 19.5081



11.1835, 17.5464, 50.4751

Sweetspot

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



28.6282, 17.5473, 18.7079



76.1488, 69.7721, 79.2482



24.6346, 14.6820, 54.9615



15.8145, 14.1702, 16.1686



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.



28.6282, 17.5473, 18.7079



46.6952, 25.7125, 23.6571



27.5378, 18.7850, 7.8060



10.7943, 10.7011, 11.9002



15.9800, 8.1416, 5.1047



0.7916, 0.3995, 0.4258

Inverse Universe

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



28.6282, 17.5473, 18.7079



46.6952, 25.7125, 23.6571



29.5712, 39.1894, 59.4317



10.7943, 10.7011, 11.9002



15.9800, 8.1416, 5.1047



0.7916, 0.3995, 0.4258

Previews

White Background



This preview shows how the XYZ color 28.6277, 17.5464, 18.7076 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 28.6277, 17.5464, 18.7076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

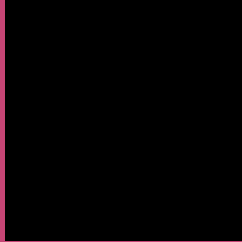
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6277, 17.5464, 18.7076

Background



This preview shows how black text looks on a background with the XYZ color 28.6277, 17.5464, 18.7076.



This preview shows how white text looks on a background with the XYZ color 28.6277, 17.5464,

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

28.6277, 17.5464, 18.7076

Protanopia

17.7866, 17.8501, 29.2960

Deuteranopia

18.1344, 17.7832, 17.5156



Tritanopia

26.9418, 17.6527, 9.9700

Trichromacy



Original Color

28.6277, 17.5464, 18.7076

Protanomaly

19.9903, 16.4237, 25.0382

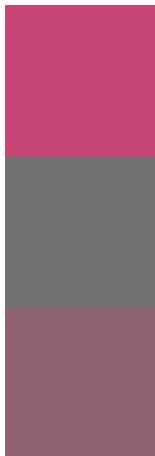
Deuteranomaly

20.7729, 16.7102, 17.7533

Tritanomaly

27.5403, 17.5941, 12.7709

Monochromacy



Original Color

28.6277, 17.5464, 18.7076

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

18.8136, 15.6936, 17.9572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6277, 17.5464, 18.7076 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(198, 69, 117)` looks like.

```
.text, #text, p{  
    color:rgb(198, 69, 117)  
}
```

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(198, 69, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 69, 117) }
```

Border

The CSS property to change the border of an element to XYZ 28.6277, 17.5464, 18.7076 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(198, 69, 117) }
```


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

```
.border{ border-color:rgb(198, 69, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 69, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 69, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 69, 117); box-shadow:4px 4px 4px 4px rgb(198, 69, 117) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6277, 17.5464, 18.7076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 69, 117) }
```

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

```
.background{ background-color: rgb(198, 69,  
117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor