

Converting Colors

XYZ(28.1486, 17.3177, 26.2852)

Have a look what the booklet for
XYZ(28.1486, 17.3177, 26.2852)
contains.

XYZ(28.1486, 17.3177, 26.2852)	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(28.1486, 17.3177,
26.2852)**

Conversions

Conversions Part 1

Format	Color
Hex	BE478B
RGB	190, 71, 139
RGB Percent	75%, 28%, 55%
CMY	0.2549, 0.7215, 0.4549
CMYK	0.00, 0.63, 0.27, 0.25
HSL	326°, 48%, 51%
HSV	326°, 63%, 75%
XYZ	28.1486, 17.3177, 26.2852
YIQ	114.3330, 49.0960, 46.3760

Conversions

Conversions Part 2

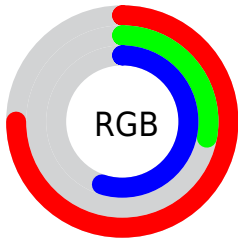
Format	Color
R_{YB}	190, 71, 139
Decimal	12470155
CIE _{Lab}	48.66, 54.58, -13.05
CIE _{LCh}	49, 56.121, 346.551
Yxy	17.3177, 0.3923, 0.2414
Android (android.graphics.Color)	4290660235 (0xFFBE478B)
YUV	114.3330, 12.1608, 66.3600
Hunter-Lab	41.6145, 47.9142, -8.3195

Details

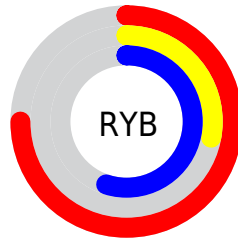
The XYZ color **28.1486, 17.3177, 26.2852** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **24.5257, 39.5721, 24.7599**, and the grayscale version is **16.0492, 16.8851, 18.3878**.

A 20% lighter version of the original color is **56.1534, 38.9117, 55.0032**, and **11.4760, 5.7078, 9.9481** is the 20% darker color. If you saturate the color by 10%, you get **26.5506, 15.0386, 22.9254**, and if you desaturate by 10%, it is **30.1697, 20.3717, 30.0050**.

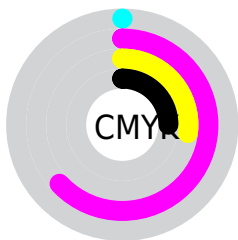
Distribution



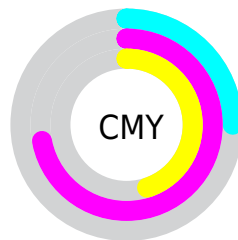
- Red (75%)
- Green (28%)
- Blue (55%)



- Red (75%)
- Yellow (28%)
- Blue (55%)



- Cyan (0%)
- Magenta (63%)
- Yellow (27%)
- Black (25%)





- Cyan (25%)
- Magenta (72%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.1486, 17.3177, 26.2852 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 28.1486, 17.3177, 26.2852 by changing the saturation by 10% instead.


 28.1486, 17.3177,
26.2852


 28.1486, 17.3177,
26.2852


285.2435,
236.9966, 297.8292


 18.5787, 10.4613,
16.8094


 56.1286, 38.8712,
54.7244


 11.4685, 5.7058,
9.9382

 75.2694, 54.3371,
74.5249


 6.4525, 2.6671,
5.2529


 98.3313, 73.4415,
98.6041

 3.1654, 0.9605,
2.3351

 125.6795, 96.5690,
127.3806

 1.2418, 0.0000,
0.7508

 157.6795,
124.1038, 161.2727

 0.1390, 0.0000,
0.0000

194.6966,

 0.0000, 0.0000,

156.4304, 200.6992

0.0000

237.0962,
193.9332, 246.0785

■ 28.1486, 17.3177,
26.2852

■ 28.1486, 17.3177,
26.2852

■ 26.5506, 15.0386,
22.9254

■ 30.1697, 20.3717,
30.0050

■ 25.3365, 13.4582,
19.9075

■ 32.6451, 24.2621,
34.0994

■ 24.4622, 12.4894,
17.2119

■ 35.6048, 29.0470,
38.5829

■ 23.9723, 12.0420,
15.4072

■ 39.0755, 34.7789,
43.4688

■ 43.0820, 41.5058,
48.7696

■ 47.6476, 49.2727,
54.4971

■ 52.7939, 58.1218,
60.6625

■ 58.5413, 68.0928,
67.2766

■ 64.9096, 79.2235,
74.3497

Harmonies

Analogous

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



24.7857, 17.3177, 46.0033



28.1486, 17.3177, 26.2852



27.9498, 17.3177, 11.8514

Triad

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



28.1486, 17.3177, 26.2852



13.7867, 17.3177, 2.6122



10.5249, 17.3177, 48.0072

Complementary

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



28.1486, 17.3177, 26.2852



24.5257, 39.5721, 24.7599

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.



8.6498, 17.3177, 28.1875



28.1486, 17.3177, 26.2852



10.2449, 17.3177, 5.2694

Square

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



28.1486, 17.3177, 26.2852



18.8827, 17.3177, 2.5069



8.5594, 17.3177, 12.9779



14.2539, 17.3177, 62.3271

Rectangle

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



28.1486, 17.3177, 26.2852



25.8098, 17.3177, 6.4729



8.5594, 17.3177, 12.9779



9.6945, 17.3177, 41.4084

Sweetspot

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



28.1491, 17.3186, 26.2855



73.1114, 66.8679, 81.8769



19.3754, 12.2602, 50.0605



15.6124, 13.9446, 17.3834



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.



28.1491, 17.3186, 26.2855



47.2482, 26.0867, 39.5132



24.9712, 16.0474, 9.5508



9.7524, 9.6253, 11.0852



15.9802, 8.0232, 10.4552



0.6581, 0.3271, 0.5789

Inverse Universe

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



28.1491, 17.3186, 26.2855



47.2482, 26.0867, 39.5132



29.2593, 41.4655, 49.6864



9.7524, 9.6253, 11.0852



15.9802, 8.0232, 10.4552



0.6581, 0.3271, 0.5789

Previews

White Background



This preview shows how the XYZ color 28.1486, 17.3177, 26.2852 looks on a white background.

Color Contrast Check

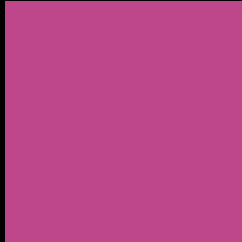
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1486, 17.3177, 26.2852 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 28.1486, 17.3177, 26.2852

Background



This preview shows how black text looks on a background with the XYZ color 28.1486, 17.3177, 26.2852.



This preview shows how white text looks on a background with the XYZ color 28.1486, 17.3177,

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

28.1486, 17.3177, 26.2852

Protanopia

18.3100, 17.5336, 40.4495

Deuteranopia

17.8845, 17.4968, 24.6249



Tritanopia

25.1461, 17.3469, 11.4741

Trichromacy



Original Color

28.1486, 17.3177, 26.2852

Protanomaly

19.9858, 16.0639, 34.8482

Deuteranomaly

20.4179, 16.5044, 25.0312

Tritanomaly

25.9433, 17.2183, 15.8660

Monochromacy



Original Color

28.1486, 17.3177, 26.2852

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

19.0982, 15.9162, 20.8044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1486, 17.3177, 26.2852 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(190, 71, 139)` looks like.

```
.text, #text, p{  
    color:rgb(190, 71, 139)  
}
```

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(190, 71, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 71, 139) }
```

Border

The CSS property to change the border of an element to XYZ 28.1486, 17.3177, 26.2852 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(190, 71, 139) }
```


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

```
.border{ border-color:rgb(190, 71, 139) }
```

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

Here you see how a box with a 4 pixel rgb(190, 71, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 71, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 71, 139);  
box-shadow:4px 4px 4px 4px rgb(190, 71,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1486, 17.3177, 26.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 71, 139) }
```

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

```
.background{ background-color: rgb(190, 71,  
139) }
```

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