

Converting Colors

XYZ(28.0047, 18.4897, 26.5297)

Have a look what the booklet for
XYZ(28.0047, 18.4897, 26.5297)
contains.

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Color

**XYZ(28.0032, 18.4897,
26.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	BA538B
RGB	186, 83, 139
RGB Percent	73%, 33%, 55%
CMY	0.2706, 0.6745, 0.4549
CMYK	0.00, 0.55, 0.25, 0.27
HSL	327°, 43%, 53%
HSV	327°, 55%, 73%
XYZ	28.0032, 18.4897, 26.5190
YIQ	120.1810, 43.4120, 39.2520

Conversions

Conversions Part 2

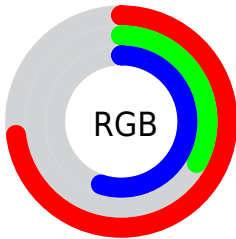
Format	Color
R_{YB}	186, 83, 139
Decimal	12211083
CIE _{Lab}	50.08, 47.86, -10.96
CIE _{LCh}	50, 49.096, 347.100
Yxy	18.4897, 0.3835, 0.2532
Android (android.graphics.Color)	4290401163 (0xFFBA538B)
YUV	120.1810, 9.2778, 57.7233
Hunter-Lab	42.9997, 40.9974, -6.4659

Details

The XYZ color **28.0032, 18.4897, 26.5190** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **25.1564, 38.5692, 27.2398**, and the grayscale version is **17.8727, 18.8034, 20.4769**.

A 20% lighter version of the original color is **55.7380, 40.6917, 55.3686**, and **11.4243, 6.2976, 10.0646** is the 20% darker color. If you saturate the color by 10%, you get **26.1700, 15.7774, 22.9660**, and if you desaturate by 10%, it is **30.2674, 21.9865, 30.4536**.

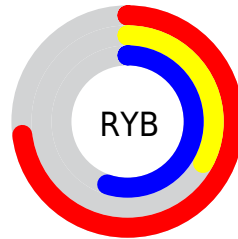
Distribution



Red (73%)

Green (33%)

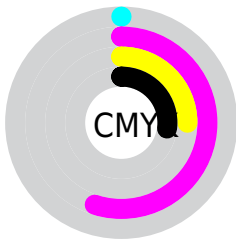
Blue (55%)



Red (73%)

Yellow (33%)

Blue (55%)

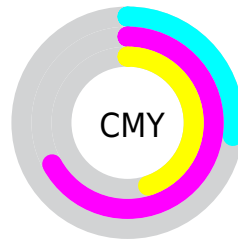


Cyan (0%)

Magenta (55%)

Yellow (25%)

Black (27%)



Cyan (27%)

Magenta (67%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0032, 18.4897, 26.5190 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 28.0032, 18.4897, 26.5190 by changing the saturation by 10% instead.

 28.0032, 18.4897,
26.5190


 28.0032, 18.4897,
26.5190


284.5620,
243.6169, 299.0067


 18.4685, 11.3021,
16.9831


 55.8982, 40.8700,
55.1054


 11.3886, 6.2704,
10.0606


 74.9892, 56.8315,
74.9929


 6.3981, 3.0102,
5.3330


 97.9963, 76.4865,
99.1680

 3.1316, 1.1371,
2.3818

 125.2850,
100.2194, 128.0493

 1.2237, 0.0094,
0.7765

 157.2206,
128.4144, 162.0553

 0.1250, 0.0000,
0.0000

194.1683,

 0.0000, 0.0000,

161.4561, 201.6045

0.0000

236.4937,
199.7288, 247.1155

■ 28.0032, 18.4897,
26.5190

■ 28.0032, 18.4897,
26.5190

■ 26.1700, 15.7774,
22.9660

■ 30.2674, 21.9865,
30.4536

■ 24.7336, 13.7837,
19.7773

■ 32.9898, 26.3211,
34.7836

■ 23.6575, 12.4369,
16.9354

■ 36.1972, 31.5453,
39.5231

■ 22.8956, 11.6469,
14.4192

■ 39.9137, 37.7059,
44.6850

■ 22.6048, 11.3812,
13.3487

■ 44.1620, 44.8464,
50.2816

■ 48.9631, 53.0075,
56.3245

■ 54.3369, 62.2277,
62.8249

■ 60.3025, 72.5435,
69.7934

■ 66.8778, 83.9894,
77.2404

Harmonies

Analogous

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



25.1065, 18.4897, 43.5522



28.0032, 18.4897, 26.5190



27.7687, 18.4897, 13.4084

Triad

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



28.0032, 18.4897, 26.5190



15.0351, 18.4897, 4.0959



12.0855, 18.4897, 45.8473

Complementary

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



28.0032, 18.4897, 26.5190



25.1564, 38.5692, 27.2398

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.



10.2408, 18.4897, 28.7950



28.0032, 18.4897, 26.5190



11.7223, 18.4897, 7.1048

Square

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



28.0032, 18.4897, 26.5190



19.6817, 18.4897, 3.9275



10.1210, 18.4897, 14.8631



15.6223, 18.4897, 57.6471

Rectangle

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



28.0032, 18.4897, 26.5190



25.8636, 18.4897, 8.1606



10.1210, 18.4897, 14.8631



11.2769, 18.4897, 40.2644

Sweetspot

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



28.0037, 18.4906, 26.5194



70.9872, 66.0787, 79.1486



21.0637, 14.4274, 48.1293



15.3249, 14.0400, 17.0074



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.0037, 18.4906, 26.5194



46.9373, 27.8867, 40.5874



25.1114, 17.3337, 11.2885



9.2033, 9.0917, 10.4180



15.2459, 7.6721, 9.1818



0.5683, 0.2828, 0.4860

Inverse Universe

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



28.0037, 18.4906, 26.5194



46.9373, 27.8867, 40.5874



29.4520, 40.2874, 49.8598



9.2033, 9.0917, 10.4180



15.2459, 7.6721, 9.1818



0.5683, 0.2828, 0.4860

Previews

White Background



This preview shows how the XYZ color 28.0032, 18.4897, 26.5190 looks on a white background.

Color Contrast Check

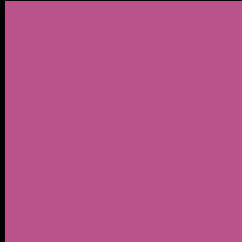
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0032, 18.4897, 26.5190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

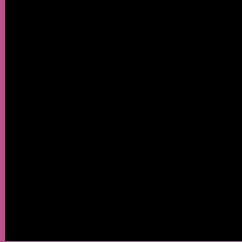
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.0032, 18.4897, 26.5190

Background



This preview shows how black text looks on a background with the XYZ color 28.0032, 18.4897, 26.5190.



This preview shows how white text looks on a background with the XYZ color 28.0032, 18.4897,

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

28.0032, 18.4897, 26.5190

Protanopia

19.2427, 18.7630, 37.7294

Deuteranopia

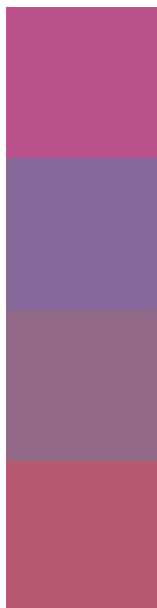
19.1218, 18.8038, 25.1759



Tritanopia

25.3232, 18.4812, 13.7878

Trichromacy



Original Color

28.0032, 18.4897, 26.5190

Protanomaly

21.1213, 17.7039, 33.3143

Deuteranomaly

21.5281, 18.0838, 25.6484

Tritanomaly

26.0815, 18.4043, 17.8005

Monochromacy



Original Color

28.0032, 18.4897, 26.5190

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

20.5901, 17.9770, 22.4634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0032, 18.4897, 26.5190 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(186, 83, 139)` looks like.

```
.text, #text, p{  
    color:rgb(186, 83, 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(186, 83, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 83, 139) }
```

Border

The CSS property to change the border of an element to XYZ 28.0032, 18.4897, 26.5190 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(186, 83, 139) }
```


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

```
.border{ border-color:rgb(186, 83, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 83, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 83, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 83, 139);  
box-shadow:4px 4px 4px 4px rgb(186, 83,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0032, 18.4897, 26.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 83, 139) }
```

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

```
.background{ background-color: rgb(186, 83,  
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](#).

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