

Converting Colors

XYZ(27.9304, 18.4606, 26.1359)

Have a look what the booklet for
XYZ(27.9304, 18.4606, 26.1359)
contains.

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Color

**XYZ(27.9304, 18.4606,
26.1359)**

Conversions

Conversions Part 1

Format	Color
Hex	BA538A
RGB	186, 83, 138
RGB Percent	73%, 33%, 54%
CMY	0.2706, 0.6745, 0.4588
CMYK	0.00, 0.55, 0.26, 0.27
HSL	328°, 43%, 53%
HSV	328°, 55%, 73%
XYZ	27.9304, 18.4606, 26.1359
YIQ	120.0670, 43.7330, 38.9410

Conversions

Conversions Part 2

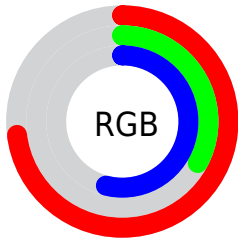
Format	Color
R_{YB}	186, 83, 138
Decimal	12211082
CIE _{Lab}	50.05, 47.72, -10.42
CIE _{LCh}	50, 48.842, 347.686
Yxy	18.4606, 0.3851, 0.2545
Android (android.graphics.Color)	4290401162 (0xFFBA538A)
YUV	120.0670, 8.8410, 57.8232
Hunter-Lab	42.9658, 40.8458, -5.9898

Details

The XYZ color **27.9304, 18.4606, 26.1359** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **25.2239, 38.5960, 27.5950**, and the grayscale version is **17.8375, 18.7664, 20.4367**.

A 20% lighter version of the original color is **55.5164, 40.6030, 54.2013**, and **11.3826, 6.2809, 9.8449** is the 20% darker color. If you saturate the color by 10%, you get **26.0907, 15.7457, 22.5489**, and if you desaturate by 10%, it is **30.2030, 21.9608, 30.1147**.

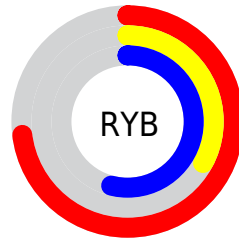
Distribution



Red (73%)

Green (33%)

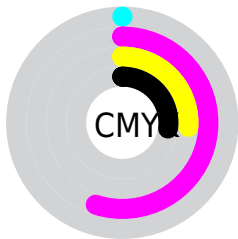
Blue (54%)



Red (73%)

Yellow (33%)

Blue (54%)

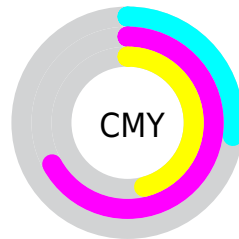


Cyan (0%)

Magenta (55%)

Yellow (26%)

Black (27%)



Cyan (27%)


Magenta (67%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.9304, 18.4606, 26.1359 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 27.9304, 18.4606, 26.1359 by changing the saturation by 10% instead.


 27.9304, 18.4606,
26.1359


 27.9304, 18.4606,
26.1359


284.2203,
243.4546, 297.0752


 18.4134, 11.2812,
16.6987


 55.7827, 40.8206,
54.4809


 11.3487, 6.2563,
9.8602


 74.8487, 56.7700,
74.2257


 6.3709, 3.0015,
5.2020


 97.8285, 76.4115,
98.2435

 3.1147, 1.1325,
2.3054

 125.0873,
100.1295, 126.9527

 1.2147, 0.0055,
0.7343

 156.9905,
128.3085, 160.7719

 0.1179, 0.0000,
0.0000

193.9035,

 0.0000, 0.0000,

161.3327, 200.1198

0.0000

236.1917,
199.5866, 245.4147

■ 27.9304, 18.4606,
26.1359

■ 27.9304, 18.4606,
26.1359

■ 26.0907, 15.7457,
22.5489

■ 30.2030, 21.9608,
30.1147

■ 24.6498, 13.7502,
19.3361

■ 32.9358, 26.2995,
34.4995

■ 23.5708, 12.4022,
16.4794

■ 36.1556, 31.5287,
39.3047

■ 22.8078, 11.6118,
13.9574

■ 39.8868, 37.6952,
44.5436

■ 22.5171, 11.3461,
12.8871

■ 44.1519, 44.8424,
50.2289

■ 48.9721, 53.0112,
56.3725

■ 54.3674, 62.2399,
62.9858

■ 60.3568, 72.5652,
70.0799

■ 66.9584, 84.0216,
77.6653

Harmonies

Analogous

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



25.1070, 18.4606, 43.0216



27.9304, 18.4606, 26.1359



27.6328, 18.4606, 13.2225

Triad

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



27.9304, 18.4606, 26.1359



14.9432, 18.4606, 4.1573



12.1421, 18.4606, 45.9318

Complementary

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



27.9304, 18.4606, 26.1359



25.2239, 38.5960, 27.5950

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.



10.2722, 18.4606, 29.0259



27.9304, 18.4606, 26.1359



11.6798, 18.4606, 7.2330

Square

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



27.9304, 18.4606, 26.1359



19.5434, 18.4606, 3.9417



10.1196, 18.4606, 15.0740



15.6900, 18.4606, 57.4348

Rectangle

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



27.9304, 18.4606, 26.1359



25.7069, 18.4606, 8.0728



10.1196, 18.4606, 15.0740



11.3261, 18.4606, 40.4192

Sweetspot

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



27.9309, 18.4615, 26.1362



70.9332, 66.0571, 78.8642



21.0637, 14.4274, 48.1291



15.3118, 14.0347, 16.9384



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.



27.9309, 18.4615, 26.1362



46.7921, 27.8287, 39.8226



25.1114, 17.3337, 11.2885



9.1996, 9.0902, 10.3987



15.1869, 7.6485, 8.8711



0.5663, 0.2820, 0.4757

Inverse Universe

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



27.9309, 18.4615, 26.1362



46.7921, 27.8287, 39.8226



29.4519, 40.2873, 49.8597



9.1996, 9.0902, 10.3987



15.1869, 7.6485, 8.8711



0.5663, 0.2820, 0.4757

Previews

White Background



This preview shows how the XYZ color 27.9304, 18.4606, 26.1359 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 27.9304, 18.4606, 26.1359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

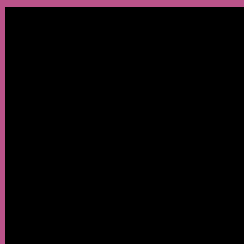
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9304, 18.4606, 26.1359

Background



This preview shows how black text looks on a background with the XYZ color 27.9304, 18.4606, 26.1359.



This preview shows how white text looks on a background with the XYZ color 27.9304, 18.4606,

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

27.9304, 18.4606, 26.1359

Protanopia

19.0634, 18.6913, 36.7854

Deuteranopia

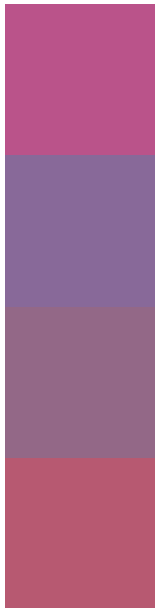
18.9365, 18.5442, 24.7716



Tritanopia

25.3232, 18.4812, 13.7878

Trichromacy



Original Color

27.9304, 18.4606, 26.1359

Protanomaly

20.9547, 17.6373, 32.4369

Deuteranomaly

21.3561, 17.8529, 25.2420

Tritanomaly

26.0815, 18.4043, 17.8005

Monochromacy



Original Color

27.9304, 18.4606, 26.1359

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 27.9304, 18.4606, 26.1359 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, 138)` looks like.

```
.text, #text, p{  
    color:rgb(186, 83, 138)  
}
```

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, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 83, 138) }
```

Border

The CSS property to change the border of an element to XYZ 27.9304, 18.4606, 26.1359 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, 138) }
```


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

```
.border{ border-color:rgb(186, 83, 138) }
```

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, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 83, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 83, 138);  
box-shadow:4px 4px 4px 4px rgb(186, 83,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9304, 18.4606, 26.1359 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, 138) }
```

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

```
.background{ background-color: rgb(186, 83,  
138) }
```

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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