

Converting Colors

XYZ(26.1662, 18.7858, 31.5251)

Have a look what the booklet for
XYZ(26.1662, 18.7858, 31.5251)
contains.

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Color

**XYZ(26.1662, 18.7858,
31.5251)**

Conversions

Conversions Part 1

Format	Color
Hex	AA5E97
RGB	170, 94, 151
RGB Percent	67%, 37%, 59%
CMY	0.3333, 0.6314, 0.4078
CMYK	0.00, 0.45, 0.11, 0.33
HSL	315°, 31%, 52%
HSV	315°, 45%, 67%
XYZ	26.1662, 18.7858, 31.5251
YIQ	123.2220, 26.9990, 33.8390

Conversions

Conversions Part 2

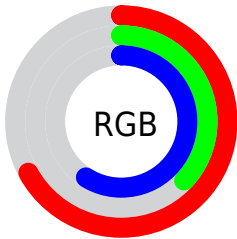
Format	Color
R_{YB}	170, 94, 151
Decimal	11165335
CIE _{Lab}	50.44, 38.90, -17.77
CIE _{LCh}	50, 42.769, 335.455
Yxy	18.7858, 0.3421, 0.2456
Android (android.graphics.Color)	4289355415 (0xFFAA5E97)
YUV	123.2220, 13.6946, 41.0243
Hunter-Lab	43.3426, 31.9121, -12.7846

Details

The XYZ color **26.1662, 18.7858, 31.5251** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.9723, 32.3220, 20.7048**, and the grayscale version is **18.8505, 19.8322, 21.5972**.

A 20% lighter version of the original color is **52.9769, 41.2964, 62.9364**, and **10.4034, 6.4345, 12.7502** is the 20% darker color. If you saturate the color by 10%, you get **24.4788, 15.9532, 29.2903**, and if you desaturate by 10%, it is **28.2001, 22.2909, 33.9372**.

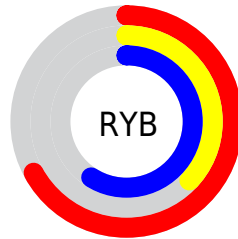
Distribution



Red (67%)

Green (37%)

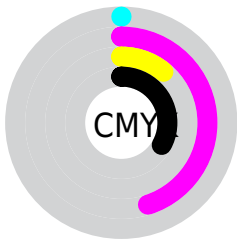
Blue (59%)



Red (67%)

Yellow (37%)

Blue (59%)

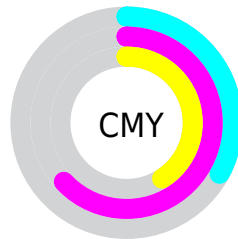


Cyan (0%)

Magenta (45%)

Yellow (11%)

Black (33%)



Cyan (33%)


Magenta (63%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1662, 18.7858, 31.5251 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 26.1662, 18.7858, 31.5251 by changing the saturation by 10% instead.

 26.1662, 18.7858,
31.5251


 26.1662, 18.7858,
31.5251


275.8387,
245.2637, 323.3760

 17.0814, 11.5156,
20.7372


 52.9723, 41.3718,
63.1551


 10.3882, 6.4148,
12.7427


 71.4243, 57.4565,
84.8343

 5.7213, 3.0989,
7.1230


 93.7294, 77.2480,
110.9810

 2.7154, 1.1836,
3.4595

 120.2530,
101.1309, 142.0137

 1.0051, 0.0482,
1.3338

151.3603,
129.4895, 178.3510

 0.0000, 0.0000,
0.0892

187.4168,

 0.0000, 0.0000,

162.7083, 220.4115

0.0000

228.7879,
201.1715, 268.6136

■ 26.1662, 18.7858,
31.5251

■ 26.1662, 18.7858,
31.5251

■ 24.4788, 15.9532,
29.2903

■ 28.2001, 22.2909,
33.9372

■ 23.1140, 13.7463,
27.2236

■ 30.5991, 26.5062,
36.5328

■ 22.0473, 12.1164,
25.3164

■ 33.3822, 31.4696,
39.3192

■ 21.2503, 11.0063,
23.5585

■ 36.5669, 37.2156,
42.3026

■ 20.6879, 10.3466,
21.9377

■ 40.1694, 43.7764,
45.4892

■ 20.4411, 10.0915,
21.1199

■ 44.2050, 51.1826,
48.8847

■ 48.6883, 59.4631,
52.4944

■ 53.6331, 68.6454,
56.3235

■ 59.0528, 78.7558,
60.3772

Harmonies

Analogous

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



22.9097, 18.7858, 45.3703



26.1662, 18.7858, 31.5251



27.0622, 18.7858, 18.3528

Triad

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



26.1662, 18.7858, 31.5251



17.1055, 18.7858, 5.0734



12.0992, 18.7858, 36.8316

Complementary

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



26.1662, 18.7858, 31.5251



21.9723, 32.3220, 20.7048

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.



11.0166, 18.7858, 22.7110



26.1662, 18.7858, 31.5251



13.6051, 18.7858, 6.8919

Square

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



26.1662, 18.7858, 31.5251



21.3892, 18.7858, 5.8901



11.5219, 18.7858, 12.3366



14.7339, 18.7858, 49.1768

Rectangle

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



26.1662, 18.7858, 31.5251



26.0970, 18.7858, 12.1026



11.5219, 18.7858, 12.3366



11.5620, 18.7858, 31.9673

Sweetspot

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



26.1668, 18.7867, 31.5255



61.3698, 58.5378, 72.1118



18.0693, 14.4194, 39.8615



13.4238, 12.5840, 15.8285



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.1668, 18.7867, 31.5255



44.3379, 28.8200, 53.0362



23.5616, 17.7446, 17.8070



7.7606, 7.6341, 9.0564



15.0597, 7.4326, 15.6576



0.3851, 0.1883, 0.4793

Inverse Universe

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



26.1668, 18.7867, 31.5255



44.3379, 28.8200, 53.0362



24.5775, 33.3641, 34.4234



7.7606, 7.6341, 9.0564



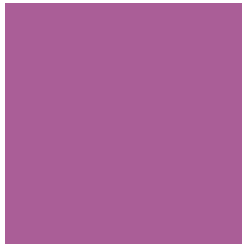
15.0597, 7.4326, 15.6576



0.3851, 0.1883, 0.4793

Previews

White Background



This preview shows how the XYZ color 26.1662, 18.7858, 31.5251 looks on a white background.

Color Contrast Check

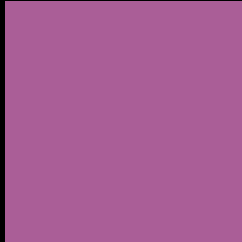
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1662, 18.7858, 31.5251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

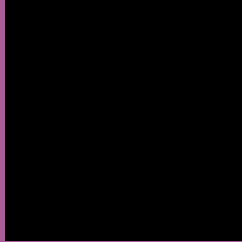
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1662, 18.7858, 31.5251

Background



This preview shows how black text looks on a background with the XYZ color 26.1662, 18.7858, 31.5251.



This preview shows how white text looks on a background with the XYZ color 26.1662, 18.7858,

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

26.1662, 18.7858, 31.5251

Protanopia

19.5840, 19.0615, 40.1832

Deuteranopia

19.3526, 18.9854, 30.2483



Tritanopia

23.1818, 18.8256, 17.1637

Trichromacy



Original Color

26.1662, 18.7858, 31.5251

Protanomaly

21.1508, 18.4276, 36.6245

Deuteranomaly

21.2952, 18.4787, 30.4613

Tritanomaly

24.1952, 18.8105, 21.7576

Monochromacy



Original Color

26.1662, 18.7858, 31.5251

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.8430, 18.8572, 24.7316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1662, 18.7858, 31.5251 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(170, 94, 151)` looks like.

```
.text, #text, p{  
    color:rgb(170, 94, 151)  
}
```

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(170, 94, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 94, 151) }
```

Border

The CSS property to change the border of an element to XYZ 26.1662, 18.7858, 31.5251 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(170, 94, 151) }
```


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

```
.border{ border-color:rgb(170, 94, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 94, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 94, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 94, 151);  
box-shadow:4px 4px 4px 4px rgb(170, 94,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1662, 18.7858, 31.5251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 94, 151) }
```

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

```
.background{ background-color: rgb(170, 94,  
151) }
```

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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