

Converting Colors

XYZ(26.4375, 18.3853, 26.9663)

Have a look what the booklet for
XYZ(26.4375, 18.3853, 26.9663)
contains.

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Color

**XYZ(26.4375, 18.3853,
26.9663)**

Conversions

Conversions Part 1

Format	Color
Hex	B1598C
RGB	177, 89, 140
RGB Percent	69%, 35%, 55%
CMY	0.3059, 0.6510, 0.4510
CMYK	0.00, 0.50, 0.21, 0.31
HSL	325°, 36%, 52%
HSV	325°, 50%, 69%
XYZ	26.4375, 18.3853, 26.9663
YIQ	121.1260, 36.0770, 34.5170

Conversions

Conversions Part 2

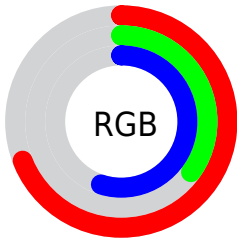
Format	Color
R_{YB}	177, 89, 140
Decimal	11622796
CIE _{Lab}	49.96, 42.07, -11.87
CIE _{LCh}	50, 43.718, 344.240
Yxy	18.3853, 0.3683, 0.2561
Android (android.graphics.Color)	4289812876 (0xFFB1598C)
YUV	121.1260, 9.3049, 49.0015
Hunter-Lab	42.8781, 35.0218, -7.2732

Details

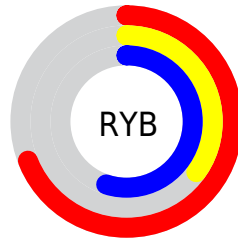
The XYZ color **26.4375, 18.3853, 26.9663** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **23.6087, 35.0751, 25.2661**, and the grayscale version is **18.1779, 19.1246, 20.8267**.

A 20% lighter version of the original color is **53.3423, 40.7335, 56.0898**, and **10.5331, 6.1989, 10.3142** is the 20% darker color. If you saturate the color by 10%, you get **24.6074, 15.5738, 23.7397**, and if you desaturate by 10%, it is **28.6599, 21.9216, 30.5072**.

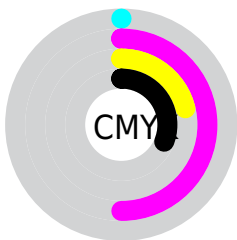
Distribution



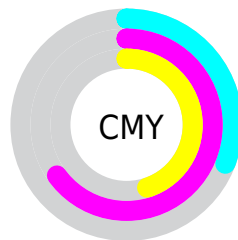
- Red (69%)
- Green (35%)
- Blue (55%)



- Red (69%)
- Yellow (35%)
- Blue (55%)



- Cyan (0%)
- Magenta (50%)
- Yellow (21%)
- Black (31%)



- Cyan (31%)
- Magenta (65%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4375, 18.3853, 26.9663 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 26.4375, 18.3853, 26.9663 by changing the saturation by 10% instead.

■ 26.4375, 18.3853,
26.9663

■ 26.4375, 18.3853,
26.9663

277.1407,
243.0339, 301.2489

■ 17.2856, 11.2270,
17.3157

■ 53.4062, 40.6928,
55.8329

■ 10.5349, 6.2197,
10.2955

■ 71.9537, 56.6107,
75.8859

■ 5.8200, 2.9791,
5.4872

■ 94.3638, 76.2173,
100.2435

■ 2.7756, 1.1208,
2.4721

■ 121.0019, 99.8969,
129.3242

■ 1.0362, 0.0000,
0.8253

152.2332,
128.0340, 163.5466

■ 0.0000, 0.0000,
0.0000

188.4232,

161.0130, 203.3291

229.9373,
199.2181, 249.0904

■ 26.4375, 18.3853,
26.9663

■ 26.4375, 18.3853,
26.9663

■ 24.6074, 15.5738,
23.7397

■ 28.6599, 21.9216,
30.5072

■ 23.1415, 13.4325,
20.8139

■ 31.2969, 26.2269,
34.3727

■ 22.0102, 11.9034,
18.1755


■ 34.3710, 31.3447,
38.5740


■ 21.1783, 10.9173,
15.8089


■ 37.9026, 37.3148,
43.1212


■ 20.5747, 10.3332,
13.6865


■ 41.9107, 44.1741,
48.0238

 20.5586, 10.3180,
13.6288

 46.4133, 51.9576,
53.2909

 51.4272, 60.6981,
58.9312

 56.9688, 70.4269,
64.9533

 63.0533, 81.1740,
71.3650

Harmonies

Analogous

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



23.7236, 18.3853, 41.5313



26.4375, 18.3853, 26.9663



26.5105, 18.3853, 14.8596

Triad

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



26.4375, 18.3853, 26.9663



15.5658, 18.3853, 4.9437



12.3124, 18.3853, 40.8311

Complementary

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



26.4375, 18.3853, 26.9663



23.6087, 35.0751, 25.2661

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.



10.7679, 18.3853, 26.2514



26.4375, 18.3853, 26.9663



12.4324, 18.3853, 7.6158

Square

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



26.4375, 18.3853, 26.9663



19.7568, 18.3853, 5.0063



10.8080, 18.3853, 14.3800



15.3754, 18.3853, 51.4710

Rectangle

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



26.4375, 18.3853, 26.9663



25.0217, 18.3853, 9.6357



10.8080, 18.3853, 14.3800



11.6219, 18.3853, 36.0207

Sweetspot

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



26.4381, 18.3862, 26.9667



64.2738, 60.7118, 72.6379



20.0642, 14.7304, 43.3811



13.6535, 12.6922, 15.3837



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.4381, 18.3862, 26.9667



43.6908, 27.3233, 41.8002



23.8313, 17.3435, 13.2396



8.6959, 8.5851, 9.8970



14.9261, 7.4880, 10.0368



0.4980, 0.2469, 0.4651

Inverse Universe

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



26.4381, 18.3862, 26.9667



43.6908, 27.3233, 41.8002



27.0668, 36.4583, 43.4762



8.6959, 8.5851, 9.8970



14.9261, 7.4880, 10.0368



0.4980, 0.2469, 0.4651

Previews

White Background



This preview shows how the XYZ color 26.4375, 18.3853, 26.9663 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 26.4375, 18.3853, 26.9663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

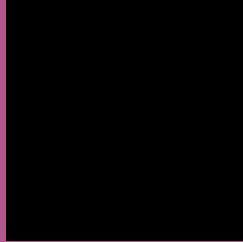
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4375, 18.3853, 26.9663

Background



This preview shows how black text looks on a background with the XYZ color 26.4375, 18.3853, 26.9663.



This preview shows how white text looks on a background with the XYZ color 26.4375, 18.3853,

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

26.4375, 18.3853, 26.9663

Protanopia

18.8870, 18.6207, 35.8564

Deuteranopia

18.7869, 18.4510, 25.4929



Tritanopia

24.0070, 18.4331, 15.3893

Trichromacy



Original Color

26.4375, 18.3853, 26.9663

Protanomaly

20.5232, 17.7208, 32.4758

Deuteranomaly

20.9971, 17.9539, 26.0257

Tritanomaly

24.6691, 18.2884, 19.0594

Monochromacy



Original Color

26.4375, 18.3853, 26.9663

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.3494, 18.1585, 22.8545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4375, 18.3853, 26.9663 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(177, 89, 140)` looks like.

```
.text, #text, p{  
  color:rgb(177, 89, 140)  
}
```

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(177, 89, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 89, 140) }
```

Border

The CSS property to change the border of an element to XYZ 26.4375, 18.3853, 26.9663 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(177, 89, 140) }
```


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

```
.border{ border-color:rgb(177, 89, 140) }
```

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

Here you see how a box with a 4 pixel rgb(177, 89, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 89, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 89, 140);  
box-shadow:4px 4px 4px 4px rgb(177, 89,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4375, 18.3853, 26.9663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 89, 140) }
```

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

```
.background{ background-color: rgb(177, 89,  
140) }
```

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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