

Converting Colors

XYZ(18.0926, 15.0904, 40.9889)

Have a look what the booklet for
XYZ(18.0926, 15.0904, 40.9889)
contains.

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Color

**XYZ(18.0926, 15.0904,
40.9889)**

Conversions

Conversions Part 1

Format	Color
Hex	6C63AC
RGB	108, 99, 172
RGB Percent	42%, 39%, 67%
CMY	0.5765, 0.6118, 0.3255
CMYK	0.37, 0.42, 0.00, 0.33
HSL	247°, 31%, 53%
HSV	247°, 42%, 67%
XYZ	18.0926, 15.0904, 40.9889
YIQ	110.0130, -18.0690, 24.6110

Conversions

Conversions Part 2

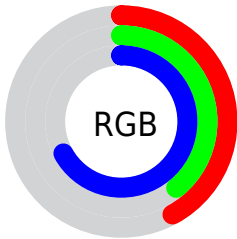
Format	Color
R_{YB}	108, 99, 172
Decimal	7103404
CIE _{Lab}	45.76, 21.43, -37.93
CIE _{LCh}	46, 43.565, 299.460
Yxy	15.0904, 0.2439, 0.2035
Android (android.graphics.Color)	4285293484 (0xFF6C63AC)
YUV	110.0130, 30.5596, -1.7654
Hunter-Lab	38.8464, 15.1548, -35.3676

Details

The XYZ color **18.0926, 15.0904, 40.9889** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **32.1090, 38.1927, 17.4845**, and the grayscale version is **14.7441, 15.5119, 16.8925**.

A 20% lighter version of the original color is **39.8102, 35.0955, 78.0747**, and **6.1887, 4.6286, 18.0200** is the 20% darker color. If you saturate the color by 10%, you get **14.9553, 11.3065, 40.4242**, and if you desaturate by 10%, it is **21.8953, 19.7330, 41.6849**.

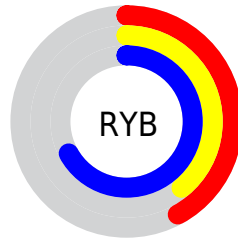
Distribution



Red (42%)

Green (39%)

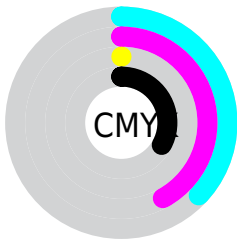
Blue (67%)



Red (42%)

Yellow (39%)

Blue (67%)

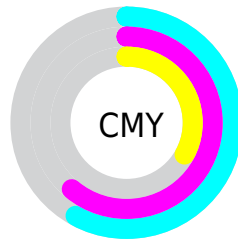


Cyan (37%)

Magenta (42%)

Yellow (0%)

Black (33%)



Cyan (58%)

Magenta (61%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0926, 15.0904, 40.9889 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 18.0926, 15.0904, 40.9889 by changing the saturation by 10% instead.

■ 18.0926, 15.0904,
40.9889

■ 18.0926, 15.0904,
40.9889

234.4280,
223.9127, 365.9495

■ 11.1166, 8.8829,
27.9908

■ 39.7239, 35.0117,
77.9205

■ 6.2132, 4.6649,
18.0797

■ 55.1099, 49.4942,
102.6911

■ 3.0170, 2.0520,
10.8372

■ 74.0299, 67.5039,
132.2229

■ 1.1628, 0.6374,
5.8447

■ 96.8493, 89.4250,
166.9345

■ 0.0767, 0.0000,
2.6836

123.9335,
115.6421, 207.2445

■ 0.0000, 0.0000,
0.9352

155.6477,

■ 0.0000, 0.0000,

146.5395, 253.5712

0.0000

192.3574,
182.5016, 306.3334

■ 18.0926, 15.0904,
40.9889

■ 18.0926, 15.0904,
40.9889

■ 14.9553, 11.3065,
40.4242

■ 21.8953, 19.7330,
41.6849

■ 12.4431, 8.3268,
39.9814

■ 26.3971, 25.2810,
42.5185

■ 10.5140, 6.0929,
39.6519

■ 31.6315, 31.7797,
43.4970

■ 9.1200, 4.5381,
39.4253

■ 37.6292, 39.2708,
44.6268

■ 8.2051, 3.5834,
39.2892

■ 44.4194, 47.7937,
45.9140

■ 7.7601, 3.1403,
39.2272

■ 52.0295, 57.3855,
47.3643

■ 60.4856, 68.0815,
48.9831

■ 69.8129, 79.9153,
50.7757

■ 80.0353, 92.9192,
52.7469

Harmonies

Analogous

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



14.2768, 15.0904, 45.9733



18.0926, 15.0904, 40.9889



21.3031, 15.0904, 28.9568

Triad

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



18.0926, 15.0904, 40.9889



18.2270, 15.0904, 4.4629



8.3908, 15.0904, 16.2417

Complementary

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



18.0926, 15.0904, 40.9889



32.1090, 38.1927, 17.4845

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.



9.0926, 15.0904, 8.1659



18.0926, 15.0904, 40.9889



14.4094, 15.0904, 3.3897

Square

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



18.0926, 15.0904, 40.9889



21.3895, 15.0904, 8.3741



11.1509, 15.0904, 4.3837



9.0438, 15.0904, 28.4795

Rectangle

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



18.0926, 15.0904, 40.9889



22.4397, 15.0904, 20.4028



11.1509, 15.0904, 4.3837



8.4740, 15.0904, 13.0111

Sweetspot

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



18.0932, 15.0910, 40.9893



56.5819, 56.6542, 78.7589



25.7756, 31.9980, 43.8477



11.8332, 11.7358, 17.0292



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.



18.0932, 15.0910, 40.9893



27.4020, 20.8360, 73.3833



23.4132, 17.8335, 41.2382



7.6673, 7.8028, 10.0547



5.8012, 2.3505, 29.1924



0.1896, 0.0799, 0.8134

Inverse Universe

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



28.0862, 20.3391, 37.0957



48.1046, 31.7212, 64.7489



25.7550, 34.9170, 17.1871



8.2939, 8.1308, 9.8586



16.8186, 8.1900, 22.4879



0.4795, 0.2325, 0.6870

Previews

White Background



This preview shows how the XYZ color 18.0926, 15.0904, 40.9889 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 18.0926, 15.0904, 40.9889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

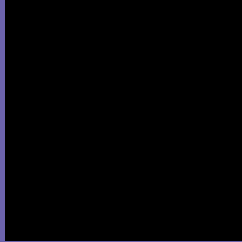
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.0926, 15.0904, 40.9889

Background



This preview shows how black text looks on a background with the XYZ color 18.0926, 15.0904, 40.9889.

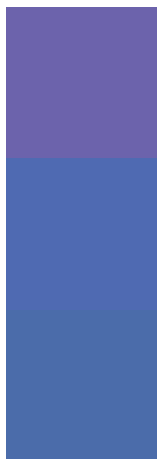


This preview shows how white text looks on a background with the XYZ color 18.0926, 15.0904,

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

18.0926, 15.0904, 40.9889

Protanopia

16.4144, 15.1847, 44.1853

Deuteranopia

15.5199, 15.1233, 40.1313



Tritanopia

13.8381, 15.1876, 19.6549

Trichromacy



Original Color

18.0926, 15.0904, 40.9889

Protanomaly

16.9032, 15.0087, 43.0804

Deuteranomaly

16.3327, 15.0697, 40.5760

Tritanomaly

15.1007, 15.0597, 26.1557

Monochromacy



Original Color

18.0926, 15.0904, 40.9889

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.6943, 15.2527, 24.3072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0926, 15.0904, 40.9889 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(108, 99, 172)` looks like.

```
.text, #text, p{  
    color:rgb(108, 99, 172)  
}
```

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(108, 99, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 99, 172) }
```

Border

The CSS property to change the border of an element to XYZ 18.0926, 15.0904, 40.9889 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(108, 99, 172) }
```


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

```
.border{ border-color:rgb(108, 99, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 99, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 99, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 99, 172);  
box-shadow:4px 4px 4px 4px rgb(108, 99,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0926, 15.0904, 40.9889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 99, 172) }
```

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

```
.background{ background-color: rgb(108, 99,  
172) }
```

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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