

Converting Colors

XYZ(18.0695, 15.6835, 26.4987)

Have a look what the booklet for
XYZ(18.0695, 15.6835, 26.4987)
contains.

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Color

**XYZ(18.0663, 15.6835,
26.5011)**

Conversions

Conversions Part 1

Format	Color
Hex	7F658B
RGB	127, 101, 139
RGB Percent	50%, 40%, 55%
CMY	0.5020, 0.6039, 0.4549
CMYK	0.09, 0.27, 0.00, 0.45
HSL	281°, 16%, 47%
HSV	281°, 27%, 55%
XYZ	18.0663, 15.6835, 26.5011
YIQ	113.1060, 3.2980, 17.3300

Conversions

Conversions Part 2

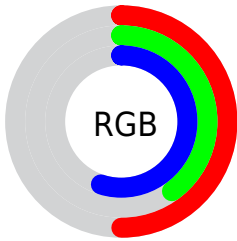
Format	Color
R_{YB}	127, 101, 139
Decimal	8349067
CIE _{Lab}	46.56, 17.84, -17.02
CIE _{LCh}	47, 24.657, 316.361
Yxy	15.6835, 0.2999, 0.2603
Android (android.graphics.Color)	4286539147 (0xFF7F658B)
YUV	113.1060, 12.7657, 12.1850
Hunter-Lab	39.6024, 12.1261, -11.9540

Details

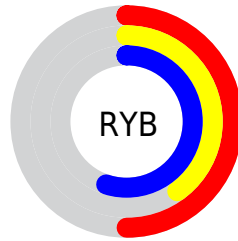
The XYZ color **18.0663, 15.6835, 26.5011** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **18.3922, 22.9159, 15.7665**, and the grayscale version is **15.6905, 16.5077, 17.9769**.

A 20% lighter version of the original color is **39.6763, 36.0100, 55.3115**, and **6.1829, 4.9374, 10.0783** is the 20% darker color. If you saturate the color by 10%, you get **16.1897, 12.8795, 26.0590**, and if you desaturate by 10%, it is **20.2006, 18.9600, 27.0213**.

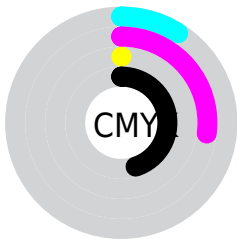
Distribution



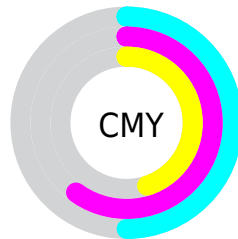
- Red (50%)
- Green (40%)
- Blue (55%)



- Red (50%)
- Yellow (40%)
- Blue (55%)



- Cyan (9%)
- Magenta (27%)
- Yellow (0%)
- Black (45%)



- Cyan (50%)
- Magenta (60%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0663, 15.6835, 26.5011 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 18.0663, 15.6835, 26.5011 by changing the saturation by 10% instead.

■ 18.0663, 15.6835,
26.5011

■ 18.0663, 15.6835,
26.5011

234.2828,
227.4668, 298.9167

■ 11.0976, 9.3005,
16.9698

■ 39.6795, 36.0479,
55.0762

■ 6.2003, 4.9377,
10.0512

■ 55.0546, 50.7980,
74.9571

■ 3.0091, 2.2107,
5.3269

■ 73.9626, 69.1059,
99.1249

■ 1.1586, 0.7258,
2.3782

■ 96.7688, 91.3561,
127.9982

■ 0.0733, 0.0000,
0.7746

123.8386,
117.9329, 161.9954

■ 0.0000, 0.0000,
0.0000

155.5373,

149.2207, 201.5353

192.2302,
185.6038, 247.0362

■ 18.0663, 15.6835,
26.5011

■ 18.0663, 15.6835,
26.5011

■ 16.1897, 12.8795,
26.0590

■ 20.2006, 18.9600,
27.0213

■ 14.5576, 10.5230,
25.6902

■ 22.6023, 22.7287,
27.6221

■ 13.1575, 8.5894,
25.3908

■ 25.2821, 27.0102,
28.3073

■ 11.9754, 7.0511,
25.1562

■ 28.2497, 31.8238,
29.0800

■ 10.9955, 5.8770,
24.9812

■ 31.5146, 37.1874,
29.9432

■ 10.1995, 5.0313,
24.8599

■ 35.0855, 43.1182,
30.8998

■ 9.5532, 4.4462,
24.7810

■ 38.9708, 49.6327,
31.9524

■ 9.3905, 4.3026,
24.7619

■ 43.1788, 56.7466,
33.1037

■ 47.7172, 64.4750,
34.3563

Harmonies

Analogous

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



16.0885, 15.6835, 30.9590



18.0663, 15.6835, 26.5011



19.2443, 15.6835, 19.9899

Triad

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



18.0663, 15.6835, 26.5011



15.8919, 15.6835, 8.0366



11.3172, 15.6835, 20.5926

Complementary

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



18.0663, 15.6835, 26.5011



18.3922, 22.9159, 15.7665

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.



11.2754, 15.6835, 14.4612



18.0663, 15.6835, 26.5011



13.7842, 15.6835, 8.1241

Square

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



18.0663, 15.6835, 26.5011



17.9106, 15.6835, 9.9260



12.1388, 15.6835, 10.2024



12.2589, 15.6835, 27.0318

Rectangle

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



18.0663, 15.6835, 26.5011



19.3514, 15.6835, 15.8117



12.1388, 15.6835, 10.2024



11.2007, 15.6835, 18.4073

Sweetspot

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



18.0668, 15.6842, 26.5014



40.0973, 40.1026, 49.3702



15.9365, 16.4492, 26.7614



9.0976, 9.0167, 11.3403



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.0668, 15.6842, 26.5014



30.1573, 24.7874, 46.9379



19.4687, 16.4638, 23.9939



5.0828, 5.0511, 6.3129



8.4935, 3.8927, 22.3494



0.0716, 0.0337, 0.1492

Inverse Universe

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



18.2823, 15.9893, 17.7461



30.6883, 25.4769, 28.1772



17.3050, 22.3143, 17.5738



5.0937, 5.0729, 5.5820



10.0255, 5.1203, 2.6386



0.0727, 0.0364, 0.0495

Previews

White Background



This preview shows how the XYZ color 18.0663, 15.6835, 26.5011 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 18.0663, 15.6835, 26.5011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

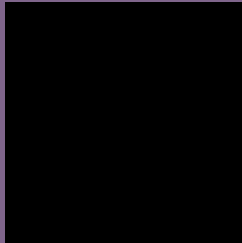
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.0663, 15.6835, 26.5011

Background



This preview shows how black text looks on a background with the XYZ color 18.0663, 15.6835, 26.5011.



This preview shows how white text looks on a background with the XYZ color 18.0663, 15.6835,

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

18.0663, 15.6835, 26.5011

Protanopia

15.9463, 15.7483, 28.9873

Deuteranopia

16.0134, 15.6859, 26.2284



Tritanopia

16.3597, 15.7339, 18.0943

Trichromacy



Original Color

18.0663, 15.6835, 26.5011

Protanomaly

16.5424, 15.6062, 28.1270

Deuteranomaly

16.5785, 15.5155, 26.1658

Tritanomaly

16.8376, 15.6158, 20.8656

Monochromacy



Original Color

18.0663, 15.6835, 26.5011

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.4527, 16.1940, 20.6710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0663, 15.6835, 26.5011 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(127, 101, 139)` looks like.

```
.text, #text, p{  
    color:rgb(127, 101, 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(127, 101, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 101, 139) }
```

Border

The CSS property to change the border of an element to XYZ 18.0663, 15.6835, 26.5011 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(127, 101, 139) }
```


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

```
.border{ border-color:rgb(127, 101, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 101, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 101, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 101, 139);  
box-shadow:4px 4px 4px 4px rgb(127, 101,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0663, 15.6835, 26.5011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 101, 139) }
```

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

```
.background{ background-color: rgb(127,  
101, 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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