

Converting Colors

XYZ(26.6335, 20.7277, 16.5219)

Have a look what the booklet for
XYZ(26.6335, 20.7277, 16.5219)
contains.

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Color

**XYZ(26.6602, 20.7859,
16.5169)**

Conversions

Conversions Part 1

Format	Color
Hex	B5686B
RGB	181, 104, 107
RGB Percent	71%, 41%, 42%
CMY	0.2902, 0.5921, 0.5804
CMYK	0.00, 0.43, 0.41, 0.29
HSL	358°, 34%, 56%
HSV	358°, 43%, 71%
XYZ	26.6602, 20.7859, 16.5169
YIQ	127.3650, 44.9290, 17.2570

Conversions

Conversions Part 2

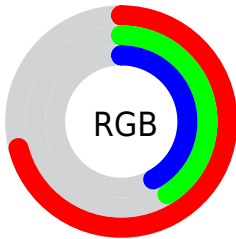
Format	Color
R _Y B	181, 104, 107
Decimal	11888747
CIE Lab	52.71, 31.12, 11.81
CIE LCh	53, 33.282, 20.782
Yxy	20.7859, 0.4168, 0.3250
Android (android.graphics.Color)	4290078827 (0xFFB5686B)
YUV	127.3650, -10.0399, 47.0379
Hunter-Lab	45.5916, 24.5948, 10.4345

Details

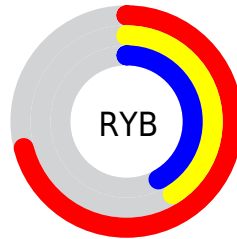
The XYZ color **26.6602, 20.7859, 16.5169** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.2696, 39.2056, 48.0936**, and the grayscale version is **20.3215, 21.3798, 23.2826**.

A 20% lighter version of the original color is **53.6566, 44.5963, 38.1277**, and **10.6392, 7.4186, 5.1461** is the 20% darker color. If you saturate the color by 10%, you get **24.2049, 17.1956, 11.6284**, and if you desaturate by 10%, it is **29.6917, 25.2339, 22.5063**.

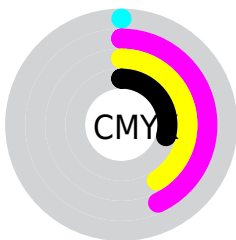
Distribution



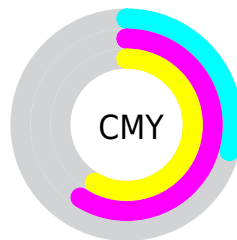
- Red (71%)
- Green (41%)
- Blue (42%)



- Red (71%)
- Yellow (41%)
- Blue (42%)



- Cyan (0%)
- Magenta (43%)
- Yellow (41%)
- Black (29%)





- Cyan (29%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6602, 20.7859, 16.5169 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 26.6602, 20.7859, 16.5169 by changing the saturation by 10% instead.

 26.6602, 20.7859,
16.5169


 26.6602, 20.7859,
16.5169


278.2057,
256.1385, 244.3218


 17.4535, 12.9676,
9.7324


 53.7619, 44.7309,
38.2725


 10.6556, 7.4062,
5.1186


 72.3875, 61.6265,
54.0806

 5.9013, 3.7174,
2.2571

 94.8834, 82.3165,
73.7336

 2.8253, 1.5168,
0.7070

 121.6151,
107.1855, 97.6501

 1.0620, 0.3005,
0.0000

152.9478,
136.6178, 126.2487

 0.0000, 0.0000,
0.0000

189.2469,

170.9978, 159.9478

230.8778,
210.7099, 199.1660

■ 26.6602, 20.7859,
16.5169

■ 26.6602, 20.7859,
16.5169

■ 24.2049, 17.1956,
11.6284

■ 29.6917, 25.2339,
22.5063

■ 22.2879, 14.4051,
7.7726

■ 33.3310, 30.5866,
29.6566

■ 20.8692, 12.3539,
4.8757

■ 37.6093, 36.8914,
38.0250


■ 19.9025, 10.9718,
2.8537


■ 42.5553, 44.1912,
47.6646


■ 19.3330, 10.1753,
1.6079

■ 48.1957, 52.5266,
58.6253

 19.0946, 9.8392,
1.0950

 54.5560, 61.9357,
70.9543

 61.6603, 72.4549,
84.6965

 69.5316, 84.1186,
99.8947

 72.8660, 88.5637,
107.8618

Harmonies

Analogous

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



27.0865, 20.7859, 25.8275



26.6602, 20.7859, 16.5169



24.2736, 20.7859, 10.8378

Triad

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



26.6602, 20.7859, 16.5169



15.0327, 20.7859, 12.5876



18.7085, 20.7859, 47.1632

Complementary

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



26.6602, 20.7859, 16.5169



30.2696, 39.2056, 48.0936

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.



15.8375, 20.7859, 40.8592



26.6602, 20.7859, 16.5169



13.8846, 20.7859, 19.7122

Square

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



26.6602, 20.7859, 16.5169



17.4863, 20.7859, 9.0731



14.1609, 20.7859, 30.0968



22.2149, 20.7859, 45.5591

Rectangle

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



26.6602, 20.7859, 16.5169



22.0307, 20.7859, 8.9767



14.1609, 20.7859, 30.0968



17.6442, 20.7859, 45.8434

Sweetspot

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



26.6607, 20.7869, 16.5173



66.8005, 65.2501, 67.0143



31.4570, 22.6026, 46.4208



14.0588, 13.5439, 13.7435



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.6607, 20.7869, 16.5173



43.6210, 31.1917, 21.3668



30.7374, 29.1881, 17.1119



8.5093, 8.5104, 8.9145



13.1695, 6.7854, 0.7866



0.4188, 0.2153, 0.0480

Inverse Universe

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



26.6607, 20.7869, 16.5173



43.6210, 31.1917, 21.3668



24.3832, 26.9461, 47.6320



8.5093, 8.5104, 8.9145



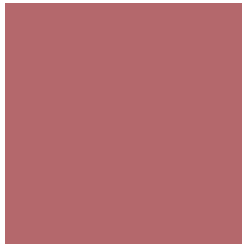
13.1695, 6.7854, 0.7866



0.4188, 0.2153, 0.0480

Previews

White Background



This preview shows how the XYZ color 26.6602, 20.7859, 16.5169 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 26.6602, 20.7859, 16.5169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

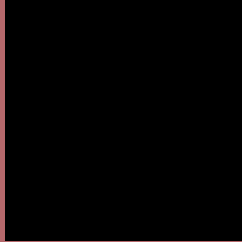
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6602, 20.7859, 16.5169

Background



This preview shows how black text looks on a background with the XYZ color 26.6602, 20.7859, 16.5169.



This preview shows how white text looks on a background with the XYZ color 26.6602, 20.7859,

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

26.6602, 20.7859, 16.5169

Protanopia

19.9368, 20.9755, 20.1374

Deuteranopia

21.1901, 20.7852, 15.9918



Tritanopia

26.7755, 20.6719, 17.6178

Trichromacy



Original Color

26.6602, 20.7859, 16.5169

Protanomaly

21.9101, 20.5613, 18.7335

Deuteranomaly

22.9786, 20.6523, 16.1398

Tritanomaly

26.7208, 20.6500, 17.3294

Monochromacy



Original Color

26.6602, 20.7859, 16.5169

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.0196, 20.7528, 20.6144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6602, 20.7859, 16.5169 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(181, 104, 107)` looks like.

```
.text, #text, p{  
    color:rgb(181, 104, 107)  
}
```

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(181, 104, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 104, 107) }
```

Border

The CSS property to change the border of an element to XYZ 26.6602, 20.7859, 16.5169 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(181, 104, 107) }
```


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

```
.border{ border-color:rgb(181, 104, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 104, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 104, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 104, 107);  
box-shadow:4px 4px 4px 4px rgb(181, 104,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6602, 20.7859, 16.5169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 104, 107) }
```

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

```
.background{ background-color: rgb(181,  
104, 107) }
```

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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