

Converting Colors

XYZ(19.2532, 17.5863, 27.3861)

Have a look what the booklet for
XYZ(19.2532, 17.5863, 27.3861)
contains.

XYZ(19.2857, 17.6641, 27.5924)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.2857, 17.6641,
27.5924)**

Conversions

Conversions Part 1

Format	Color
Hex	806E8D
RGB	128, 110, 141
RGB Percent	50%, 43%, 55%
CMY	0.4980, 0.5686, 0.4471
CMYK	0.09, 0.22, 0.00, 0.45
HSL	275°, 12%, 49%
HSV	275°, 22%, 55%
XYZ	19.2857, 17.6641, 27.5924
YIQ	118.9160, 0.7770, 13.4570

Conversions

Conversions Part 2

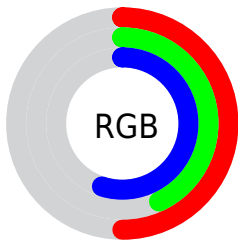
Format	Color
R_{YB}	128, 110, 141
Decimal	8416909
CIE _{Lab}	49.09, 13.27, -14.35
CIE _{LCh}	49, 19.540, 312.765
Yxy	17.6641, 0.2988, 0.2737
Android (android.graphics.Color)	4286606989 (0xFF806E8D)
YUV	118.9160, 10.8874, 7.9667
Hunter-Lab	42.0287, 8.3581, -9.5046

Details

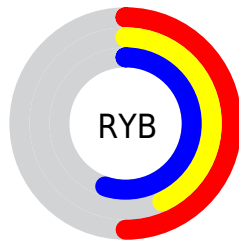
The XYZ color **19.2857, 17.6641, 27.5924** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.5084, 24.3870, 18.3789**, and the grayscale version is **17.4749, 18.3850, 20.0213**.

A 20% lighter version of the original color is **41.8267, 39.6045, 57.0697**, and **6.8354, 5.8628, 10.6689** is the 20% darker color. If you saturate the color by 10%, you get **17.0203, 14.4151, 27.0850**, and if you desaturate by 10%, it is **21.8462, 21.4255, 28.1837**.

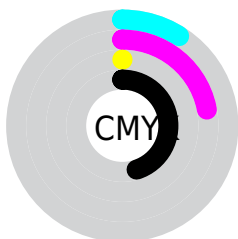
Distribution



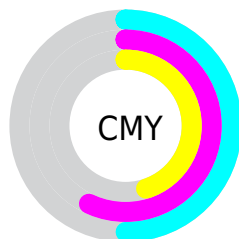
- Red (50%)
- Green (43%)
- Blue (55%)



- Red (50%)
- Yellow (43%)
- Blue (55%)



- Cyan (9%)
- Magenta (22%)
- Yellow (0%)
- Black (45%)



- Cyan (50%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2857, 17.6641, 27.5924 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 19.2857, 17.6641, 27.5924 by changing the saturation by 10% instead.

■ 19.2857, 17.6641,
27.5924

■ 19.2857, 17.6641,
27.5924

240.9294,
238.9709, 304.3645

■ 11.9821, 10.7091,
17.7823

■ 41.7295, 39.4641,
56.8483

■ 6.8036, 5.8716,
10.6260

■ 57.6004, 55.0779,
77.1311

■ 3.3848, 2.7671,
5.7049

■ 77.0577, 74.3468,
101.7419

■ 1.3604, 1.0114,
2.6006

■ 100.4670, 97.6551,
131.0992

■ 0.2277, 0.0000,
0.8928

128.1934,
125.3873, 165.6216

■ 0.0000, 0.0000,
0.0000

160.6024,

157.9277, 205.7276

198.0593,
195.6608, 251.8357

■ 19.2857, 17.6641,
27.5924

■ 19.2857, 17.6641,
27.5924

■ 17.0203, 14.4151,
27.0850

■ 21.8462, 21.4255,
28.1837

■ 15.0359, 11.6529,
26.6564

■ 24.7116, 25.7188,
28.8614

■ 13.3199, 9.3532,
26.3029

■ 27.8933, 30.5653,
29.6292

■ 11.8579, 7.4885,
26.0201

■ 31.4016, 35.9844,
30.4903

■ 10.6340, 6.0283,
25.8027

■ 35.2464, 41.9945,
31.4477

■ 9.6300, 4.9380,
25.6452

■ 39.4369, 48.6131,
32.5044

■ 8.8250, 4.1769,
25.5407

■ 43.9823, 55.8572,
33.6630

■ 8.2760, 3.7111,
25.4797

■ 48.8911, 63.7430,
34.9264

■ 54.1718, 72.2860,
36.2971

Harmonies

Analogous

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



17.5764, 17.6641, 30.7904



19.2857, 17.6641, 27.5924



20.3677, 17.6641, 22.3663

Triad

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



19.2857, 17.6641, 27.5924



17.8502, 17.6641, 11.1445



13.5949, 17.6641, 21.5398

Complementary

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



19.2857, 17.6641, 27.5924



20.5084, 24.3870, 18.3789

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.



13.6565, 17.6641, 16.4073



19.2857, 17.6641, 27.5924



16.0259, 17.6641, 11.0042

Square

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



19.2857, 17.6641, 27.5924



19.4987, 17.6641, 13.1859



14.5180, 17.6641, 12.7599



14.3431, 17.6641, 26.8937

Rectangle

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



19.2857, 17.6641, 27.5924



20.5428, 17.6641, 18.7525



14.5180, 17.6641, 12.7599



13.5232, 17.6641, 19.7220

Sweetspot

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



19.2862, 17.6648, 27.5928



41.5336, 41.9645, 51.0388



18.3756, 19.5124, 27.9974



9.2219, 9.2909, 11.3867



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.



19.2862, 17.6648, 27.5928



32.6183, 28.8619, 48.9796



21.2163, 18.6774, 26.8878



5.4106, 5.3999, 6.7859



7.5644, 3.3932, 23.2333



0.0975, 0.0454, 0.2233

Inverse Universe

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



20.1362, 18.2454, 21.2002



34.4474, 30.1074, 35.3965



18.8842, 23.5366, 18.8972



5.4968, 5.4593, 6.1143



10.7464, 5.4556, 4.3156



0.1133, 0.0564, 0.0970

Previews

White Background



This preview shows how the XYZ color 19.2857, 17.6641, 27.5924 looks on a white background.

Color Contrast Check

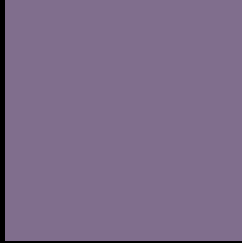
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2857, 17.6641, 27.5924 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 19.2857, 17.6641, 27.5924

Background



This preview shows how black text looks on a background with the XYZ color 19.2857, 17.6641, 27.5924.



This preview shows how white text looks on a background with the XYZ color 19.2857, 17.6641,

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

19.2857, 17.6641, 27.5924

Protanopia

17.7866, 17.8501, 29.2960

Deuteranopia

17.9534, 17.6411, 27.2698



Tritanopia

17.8754, 17.5754, 20.8626

Trichromacy



Original Color

19.2857, 17.6641, 27.5924

Protanomaly

18.3875, 17.8302, 28.8580

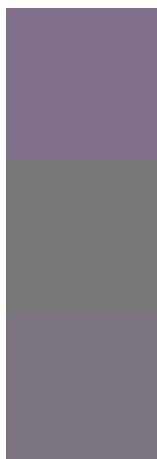
Deuteranomaly

18.3845, 17.6968, 27.2578

Tritanomaly

18.3608, 17.6089, 23.2000

Monochromacy



Original Color

19.2857, 17.6641, 27.5924

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.1022, 18.1607, 22.6299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2857, 17.6641, 27.5924 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(128, 110, 141)` looks like.

```
.text, #text, p{  
    color:rgb(128, 110, 141)  
}
```

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(128, 110, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 110, 141) }
```

Border

The CSS property to change the border of an element to XYZ 19.2857, 17.6641, 27.5924 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(128, 110, 141) }
```


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

```
.border{ border-color:rgb(128, 110, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 110, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 110, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 110, 141);  
box-shadow:4px 4px 4px 4px rgb(128, 110,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2857, 17.6641, 27.5924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 110, 141) }
```

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

```
.background{ background-color: rgb(128,  
110, 141) }
```

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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