

Converting Colors

XYZ(19.2647, 22.9624, 28.3245)

Have a look what the booklet for
XYZ(19.2647, 22.9624, 28.3245)
contains.

XYZ(19.1889, 22.8371, 28.2076)	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(19.1889, 22.8371,
28.2076)**

Conversions

Conversions Part 1

Format	Color
Hex	658A8C
RGB	101, 138, 140
RGB Percent	40%, 54%, 55%
CMY	0.6039, 0.4588, 0.4510
CMYK	0.28, 0.01, 0.00, 0.45
HSL	183°, 16%, 47%
HSV	183°, 28%, 55%
XYZ	19.1889, 22.8371, 28.2076
YIQ	127.1650, -22.6940, -7.2220

Conversions

Conversions Part 2

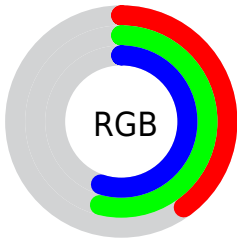
Format	Color
R_{YB}	101, 120, 140
Decimal	6654604
CIE _{Lab}	54.90, -12.30, -5.25
CIE _{LCh}	55, 13.375, 203.103
Yxy	22.8371, 0.2732, 0.3252
Android (android.graphics.Color)	4284844684 (0xFF658A8C)
YUV	127.1650, 6.3277, -22.9467
Hunter-Lab	47.7882, -11.9543, -1.5450

Details

The XYZ color **19.1889, 22.8371, 28.2076** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.0146, 16.2156, 14.4927**, and the grayscale version is **20.2145, 21.2672, 23.1600**.

A 20% lighter version of the original color is **41.5053, 47.9289, 58.1026**, and **6.7514, 8.4477, 10.9476** is the 20% darker color. If you saturate the color by 10%, you get **17.6506, 21.8924, 28.1067**, and if you desaturate by 10%, it is **20.9963, 23.9227, 28.3223**.

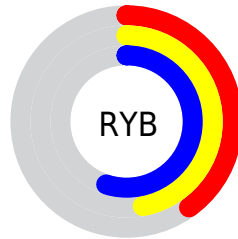
Distribution



Red (40%)

Green (54%)

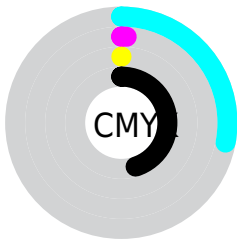
Blue (55%)



Red (40%)

Yellow (47%)

Blue (55%)

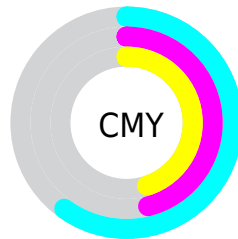


Cyan (28%)

Magenta (1%)

Yellow (0%)

Black (45%)



Cyan (60%)

Magenta (46%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1889, 22.8371, 28.2076 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 19.1889, 22.8371, 28.2076 by changing the saturation by 10% instead.

■ 19.1889, 22.8371,
28.2076

■ 19.1889, 22.8371,
28.2076

240.4078,
266.8872, 307.4007

■ 11.9117, 14.4733,
18.2418

■ 41.5675, 48.1257,
57.8428

■ 6.7553, 8.4506,
10.9525

■ 57.3995, 65.8193,
78.3493

■ 3.3545, 4.3846,
5.9211

■ 76.8139, 87.3915,
103.2064

■ 1.3439, 1.8909,
2.7292

■ 100.1759,
113.2269, 132.8327

■ 0.2157, 0.5429,
0.9581

127.8509,
143.7098, 167.6468

■ 0.0000, 0.0000,
0.0000

160.2043,

179.2245, 208.0671

197.6015,
220.1555, 254.5122

■ 19.1889, 22.8371,
28.2076

■ 19.1889, 22.8371,
28.2076

■ 17.6506, 21.8924,
28.1067

■ 20.9963, 23.9227,
28.3223

■ 16.3658, 21.0788,
28.0174

■ 23.0833, 25.1529,
28.4497

■ 15.3206, 20.3896,
27.9395

■ 25.4624, 26.5347,
28.5910

■ 14.4985, 19.8166,
27.8722

■ 28.1447, 28.0738,
28.7467

■ 13.8815, 19.3502,
27.8147

■ 31.1407, 29.7757,
28.9173

■ 13.4484, 18.9797,
27.7660

■ 34.4605, 31.6455,
29.1033

■ 13.1562, 18.6828,
27.7241

■ 38.1136, 33.6881,
29.3050

■ 13.0977, 18.6214,
27.7153

■ 42.1091, 35.9082,
29.5229

■ 46.4559, 38.3106,
29.7575

Harmonies

Analogous

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



18.9980, 22.8371, 23.8985



19.1889, 22.8371, 28.2076



20.0396, 22.8371, 31.9802

Triad

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



19.1889, 22.8371, 28.2076



24.0656, 22.8371, 30.0945



22.0500, 22.8371, 17.6116

Complementary

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



19.1889, 22.8371, 28.2076



18.0146, 16.2156, 14.4927

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.



23.4622, 22.8371, 18.8933



19.1889, 22.8371, 28.2076



24.6598, 22.8371, 25.8587

Square

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



19.1889, 22.8371, 28.2076



22.8435, 22.8371, 33.1533



24.4341, 22.8371, 21.7988



20.6069, 22.8371, 18.0890

Rectangle

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



19.1889, 22.8371, 28.2076



20.8882, 22.8371, 33.5208



24.4341, 22.8371, 21.7988



22.5448, 22.8371, 17.8456

Sweetspot

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



19.1896, 22.8380, 28.2081



40.5739, 44.2735, 50.1501



17.1910, 22.5016, 16.2564



9.2262, 10.1296, 11.5484



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.



19.1896, 22.8380, 28.2081



32.1915, 39.2615, 49.6245



16.6442, 17.7474, 27.3597



5.1513, 5.6455, 6.4240



11.6421, 16.5545, 24.6274



0.0805, 0.1162, 0.1646

Inverse Universe

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



20.0569, 16.7182, 26.2156



33.9768, 26.7923, 45.4942



20.1795, 20.5453, 15.2144



5.2230, 5.1246, 6.2626



13.3632, 6.4554, 20.2147



0.0903, 0.0435, 0.1426

Previews

White Background



This preview shows how the XYZ color 19.1889, 22.8371, 28.2076 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 19.1889, 22.8371, 28.2076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

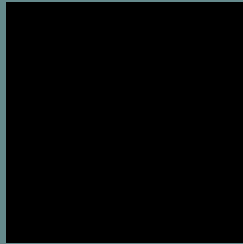
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.1889, 22.8371, 28.2076

Background



This preview shows how black text looks on a background with the XYZ color 19.1889, 22.8371, 28.2076.

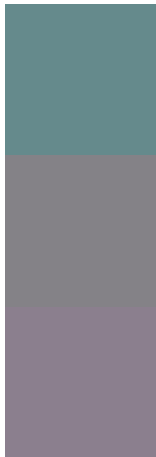


This preview shows how white text looks on a background with the XYZ color 19.1889, 22.8371,

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

19.1889, 22.8371, 28.2076

Protanopia

21.8715, 22.6201, 26.1350

Deuteranopia

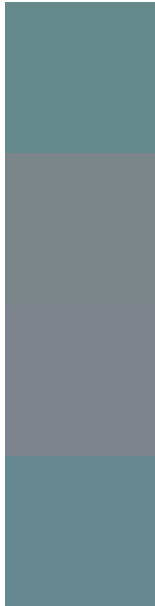
23.1193, 22.6207, 28.7389



Tritanopia

19.8845, 22.9130, 31.3916

Trichromacy



Original Color

19.1889, 22.8371, 28.2076

Protanomaly

20.7880, 22.6461, 26.9424

Deuteranomaly

21.3815, 22.5157, 28.4183

Tritanomaly

19.5360, 22.7604, 30.1516

Monochromacy



Original Color

19.1889, 22.8371, 28.2076

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.7524, 21.7501, 24.9869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1889, 22.8371, 28.2076 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(101, 138, 140)` looks like.

```
.text, #text, p{  
    color:rgb(101, 138, 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(101, 138, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 138, 140) }
```

Border

The CSS property to change the border of an element to XYZ 19.1889, 22.8371, 28.2076 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(101, 138, 140) }
```


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

```
.border{ border-color:rgb(101, 138, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 138, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 138, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 138, 140);  
box-shadow:4px 4px 4px 4px rgb(101, 138,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1889, 22.8371, 28.2076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 138, 140) }
```

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

```
.background{ background-color: rgb(101,  
138, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor