

Converting Colors

XYZ(17.9899, 20.3894, 27.4135)

Have a look what the booklet for
XYZ(17.9899, 20.3894, 27.4135)
contains.

XYZ(17.9899, 20.3894, 27.4135)	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(17.9899, 20.3894,
27.4135)**

Conversions

Conversions Part 1

Format	Color
Hex	66818B
RGB	102, 129, 139
RGB Percent	40%, 51%, 55%
CMY	0.6000, 0.4941, 0.4549
CMYK	0.27, 0.07, 0.00, 0.45
HSL	196°, 15%, 47%
HSV	196°, 27%, 55%
XYZ	17.9899, 20.3894, 27.4135
YIQ	122.0670, -19.3020, -2.6140

Conversions

Conversions Part 2

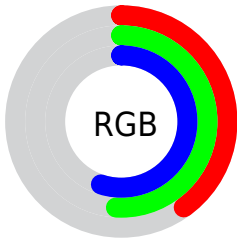
Format	Color
R_{YB}	102, 118, 139
Decimal	6717835
CIE _{Lab}	52.27, -7.21, -8.57
CIE _{LCh}	52, 11.202, 229.942
Yxy	20.3894, 0.2734, 0.3099
Android (android.graphics.Color)	4284907915 (0xFF66818B)
YUV	122.0670, 8.3480, -17.5988
Hunter-Lab	45.1546, -7.9050, -4.3869

Details

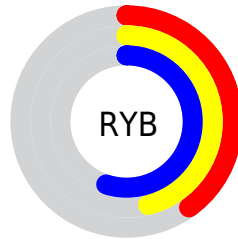
The XYZ color **17.9899, 20.3894, 27.4135** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.8400, 18.0365, 15.0591**, and the grayscale version is **18.4991, 19.4625, 21.1947**.

A 20% lighter version of the original color is **39.5688, 44.1317, 56.3019**, and **6.1932, 7.2429, 10.5228** is the 20% darker color. If you saturate the color by 10%, you get **16.0592, 18.6735, 27.1844**, and if you desaturate by 10%, it is **20.2042, 22.2795, 27.6620**.

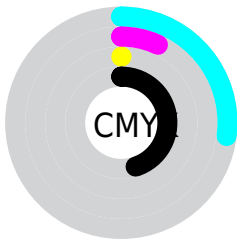
Distribution



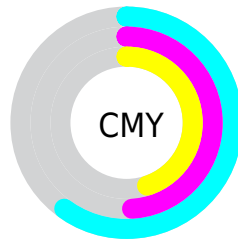
- Red (40%)
- Green (51%)
- Blue (55%)



- Red (40%)
- Yellow (46%)
- Blue (55%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)
- Black (45%)



- Cyan (60%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9899, 20.3894, 27.4135 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 17.9899, 20.3894, 27.4135 by changing the saturation by 10% instead.

■ 17.9899, 20.3894,
27.4135

■ 17.9899, 20.3894,
27.4135

233.8608,
254.0154, 303.4769

■ 11.0424, 12.6784,
17.6488

■ 39.5503, 44.0691,
56.5585

■ 6.1629, 7.2075,
10.5313

■ 54.8940, 60.8066,
76.7759

■ 2.9860, 3.5922,
5.6425

■ 73.7670, 81.3217,
101.3146

■ 1.1463, 1.4482,
2.5637

■ 96.5348, 105.9988,
130.5932

■ 0.0634, 0.2518,
0.8736

123.5627,
135.2224, 165.0302

■ 0.0000, 0.0000,
0.0000

155.2161,

169.3767, 205.0441

191.8604,
208.8463, 251.0535

■ 17.9899, 20.3894,
27.4135

■ 17.9899, 20.3894,
27.4135

■ 16.0592, 18.6735,
27.1844

■ 20.2042, 22.2795,
27.6620

■ 14.3970, 17.1223,
26.9726

■ 22.7126, 24.3480,
27.9290

■ 12.9892, 15.7286,
26.7778

■ 25.5275, 26.6020,
28.2157

■ 11.8200, 14.4841,
26.5992

■ 28.6599, 29.0476,
28.5227

■ 10.8716, 13.3792,
26.4359

■ 32.1202, 31.6903,
28.8504

■ 10.1233, 12.4031,
26.2869

■ 35.9185, 34.5356,
29.1994

■ 9.5406, 11.5374,
26.1506

■ 40.0641, 37.5886,
29.5702

■ 9.3568, 11.2572,
26.1062

■ 44.5664, 40.8544,
29.9632

■ 49.4340, 44.3376,
30.3790

Harmonies

Analogous

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



17.3727, 20.3894, 24.4332



17.9899, 20.3894, 27.4135



18.9956, 20.3894, 29.0441

Triad

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



17.9899, 20.3894, 27.4135



21.6412, 20.3894, 23.3260



18.6345, 20.3894, 16.7598

Complementary

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



17.9899, 20.3894, 27.4135



18.8400, 18.0365, 15.0591

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.



19.7686, 20.3894, 16.5265



17.9899, 20.3894, 27.4135



21.5352, 20.3894, 20.1083

Square

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



17.9899, 20.3894, 27.4135



21.1232, 20.3894, 26.5343



20.8389, 20.3894, 17.6943



17.7346, 20.3894, 18.3664

Rectangle

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



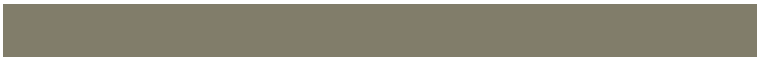
17.9899, 20.3894, 27.4135



19.7641, 20.3894, 29.0468



20.8389, 20.3894, 17.6943



18.9999, 20.3894, 16.5247

Sweetspot

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



17.9905, 20.3902, 27.4140



39.9395, 43.0046, 49.9387



17.6296, 22.4573, 18.6961



9.0559, 9.7890, 11.4916



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.



17.9905, 20.3902, 27.4140



30.0567, 34.6105, 48.8393



15.7845, 15.9782, 26.6786



5.0605, 5.4639, 6.3938



8.4594, 10.1892, 23.5665



0.0683, 0.0920, 0.1606

Inverse Universe

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



19.3617, 16.5770, 22.9491



32.9924, 26.7550, 39.2113



21.0776, 22.5116, 15.8049



5.1771, 5.1063, 6.0213



11.7567, 5.8128, 11.7552



0.0842, 0.0411, 0.1104

Previews

White Background



This preview shows how the XYZ color 17.9899, 20.3894, 27.4135 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 17.9899, 20.3894, 27.4135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

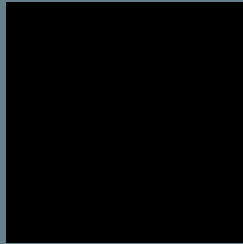
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.9899, 20.3894, 27.4135

Background



This preview shows how black text looks on a background with the XYZ color 17.9899, 20.3894, 27.4135.



This preview shows how white text looks on a background with the XYZ color 17.9899, 20.3894,

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

17.9899, 20.3894, 27.4135

Protanopia

19.8200, 20.4038, 26.1863

Deuteranopia

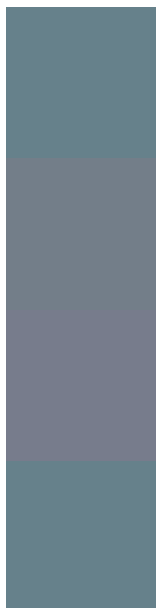
20.6984, 20.2650, 28.0199



Tritanopia

17.9899, 20.3894, 27.4135

Trichromacy



Original Color

17.9899, 20.3894, 27.4135

Protanomaly

19.0464, 20.3727, 26.5954

Deuteranomaly

19.5490, 20.2307, 27.6855

Tritanomaly

17.9899, 20.3894, 27.4135

Monochromacy



Original Color

17.9899, 20.3894, 27.4135

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.3001, 19.8706, 23.2930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9899, 20.3894, 27.4135 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(102, 129, 139)` looks like.

```
.text, #text, p{  
    color:rgb(102, 129, 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(102, 129, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 129, 139) }
```

Border

The CSS property to change the border of an element to XYZ 17.9899, 20.3894, 27.4135 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(102, 129, 139) }
```


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

```
.border{ border-color:rgb(102, 129, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 129, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 129, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 129, 139);  
box-shadow:4px 4px 4px 4px rgb(102, 129,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9899, 20.3894, 27.4135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 129, 139) }
```

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

```
.background{ background-color: rgb(102,  
129, 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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