

Converting Colors

XYZ(20.0564, 22.9746, 27.6785)

Have a look what the booklet for
XYZ(20.0564, 22.9746, 27.6785)
contains.

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Color

**XYZ(20.0199, 22.8519,
27.7818)**

Conversions

Conversions Part 1

Format	Color
Hex	6F888B
RGB	111, 136, 139
RGB Percent	44%, 53%, 55%
CMY	0.5647, 0.4667, 0.4549
CMYK	0.20, 0.02, 0.00, 0.45
HSL	186°, 11%, 49%
HSV	186°, 20%, 55%
XYZ	20.0199, 22.8519, 27.7818
YIQ	128.8670, -15.8630, -4.3670

Conversions

Conversions Part 2

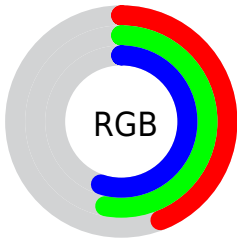
Format	Color
R_{YB}	111, 124, 139
Decimal	7309451
CIE _{Lab}	54.92, -8.19, -4.58
CIE _{LCh}	55, 9.385, 209.188
Yxy	22.8519, 0.2834, 0.3234
Android (android.graphics.Color)	4285499531 (0xFF6F888B)
YUV	128.8670, 4.9956, -15.6694
Hunter-Lab	47.8037, -8.9016, -0.9947

Details

The XYZ color **20.0199, 22.8519, 27.7818** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.5342, 18.6713, 17.6137**, and the grayscale version is **20.8073, 21.8909, 23.8392**.

A 20% lighter version of the original color is **42.8163, 47.9875, 56.8750**, and **7.1176, 8.4010, 10.6976** is the 20% darker color. If you saturate the color by 10%, you get **18.1972, 21.6038, 27.6373**, and if you desaturate by 10%, it is **22.1190, 24.2480, 27.9410**.

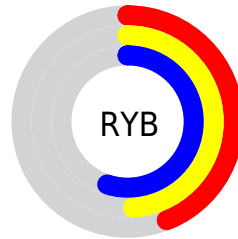
Distribution



Red (44%)

Green (53%)

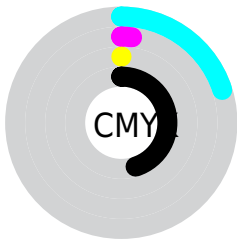
Blue (55%)



Red (44%)

Yellow (49%)

Blue (55%)

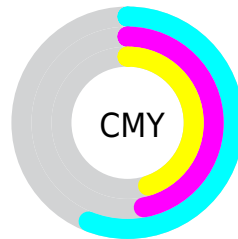


Cyan (20%)

Magenta (2%)

Yellow (0%)

Black (45%)



Cyan (56%)

Magenta (47%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0199, 22.8519, 27.7818 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 20.0199, 22.8519, 27.7818 by changing the saturation by 10% instead.

■ 20.0199, 22.8519,
27.7818

■ 20.0199, 22.8519,
27.7818

244.8543,
266.9634, 305.3019

■ 12.5179, 14.4842,
17.9236

■ 42.9542, 48.1500,
57.1548

■ 7.1721, 8.4582,
10.7263

■ 59.1172, 65.8492,
77.5067

■ 3.6172, 4.3895,
5.7713

■ 78.8979, 87.4277,
102.1936

■ 1.4880, 1.8937,
2.6400

■ 102.6617,
113.2699, 131.6340

■ 0.3176, 0.5446,
0.9130

130.7738,
143.7602, 166.2465

■ 0.0000, 0.0000,
0.0000

163.5998,

179.2829, 206.4496

201.5048,
220.2225, 252.6619

■ 20.0199, 22.8519,
27.7818

■ 20.0199, 22.8519,
27.7818

■ 18.1972, 21.6038,
27.6373

■ 22.1190, 24.2480,
27.9410

■ 16.6364, 20.4945,
27.5055

■ 24.5043, 25.7954,
28.1140

■ 15.3246, 19.5178,
27.3861

■ 27.1875, 27.5007,
28.3017

■ 14.2471, 18.6661,
27.2785

■ 30.1792, 29.3693,
28.5047

■ 13.3874, 17.9310,
27.1819

■ 33.4891, 31.4065,
28.7235

■ 12.7271, 17.3029,
27.0955

■ 37.1270, 33.6171,
28.9584

■ 12.2446, 16.7707,
27.0182

■ 41.1017, 36.0059,
29.2100

■ 11.8826, 16.3088,
26.9481

■ 45.4223, 38.5773,
29.4786

■ 50.0969, 41.3357,
29.7647

Harmonies

Analogous

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



19.7805, 22.8519, 24.8007



20.0199, 22.8519, 27.7818



20.7113, 22.8519, 30.1341

Triad

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



20.0199, 22.8519, 27.7818



23.4839, 22.8519, 27.9335



21.7484, 22.8519, 19.5814

Complementary

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



20.0199, 22.8519, 27.7818



19.5342, 18.6713, 17.6137

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.



22.7610, 22.8519, 20.2784



20.0199, 22.8519, 27.7818



23.7824, 22.8519, 24.9632

Square

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



20.0199, 22.8519, 27.7818



22.7103, 22.8519, 30.2265



23.5138, 22.8519, 22.1910



20.7590, 22.8519, 20.2076

Rectangle

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



20.0199, 22.8519, 27.7818



21.3469, 22.8519, 30.9445



23.5138, 22.8519, 22.1910



22.0975, 22.8519, 19.6677

Sweetspot

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



20.0206, 22.8528, 27.7823



41.2621, 44.5020, 50.1580



18.8145, 23.0555, 19.3189



9.4541, 10.2194, 11.5537



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.



20.0206, 22.8528, 27.7823



34.3638, 39.9140, 49.6360



18.2003, 19.2123, 27.1756



5.1279, 5.5987, 6.4162



10.7319, 14.7340, 24.3240



0.0774, 0.1100, 0.1636

Inverse Universe

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



20.7764, 18.6359, 25.7957



35.9745, 31.0420, 45.3763



21.2102, 22.0233, 18.1724



5.2112, 5.1199, 6.2005



12.9038, 6.2716, 17.7953



0.0888, 0.0429, 0.1344

Previews

White Background



This preview shows how the XYZ color 20.0199, 22.8519, 27.7818 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 20.0199, 22.8519, 27.7818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

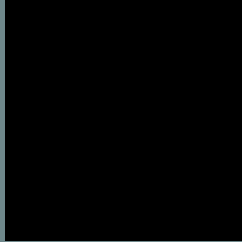
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.0199, 22.8519, 27.7818

Background



This preview shows how black text looks on a background with the XYZ color 20.0199, 22.8519, 27.7818.



This preview shows how white text looks on a background with the XYZ color 20.0199, 22.8519,

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

20.0199, 22.8519, 27.7818

Protanopia

21.9423, 22.6484, 26.5076

Deuteranopia

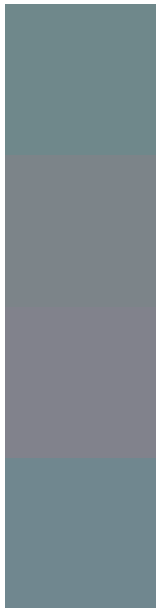
23.0446, 22.5908, 28.3452



Tritanopia

20.5344, 22.8480, 30.5220

Trichromacy



Original Color

20.0199, 22.8519, 27.7818

Protanomaly

21.0788, 22.5938, 26.9170

Deuteranomaly

21.7695, 22.5258, 28.0115

Tritanomaly

20.3040, 22.7559, 29.3088

Monochromacy



Original Color

20.0199, 22.8519, 27.7818

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.5109, 22.3336, 25.4201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0199, 22.8519, 27.7818 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(111, 136, 139)` looks like.

```
.text, #text, p{  
    color:rgb(111, 136, 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(111, 136, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 136, 139) }
```

Border

The CSS property to change the border of an element to XYZ 20.0199, 22.8519, 27.7818 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(111, 136, 139) }
```


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

```
.border{ border-color:rgb(111, 136, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 136, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 136, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 136, 139);  
box-shadow:4px 4px 4px 4px rgb(111, 136,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0199, 22.8519, 27.7818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 136, 139) }
```

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

```
.background{ background-color: rgb(111,  
136, 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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