

Converting Colors

XYZ(20.9024, 27.4898, 24.4510)

Have a look what the booklet for
XYZ(20.9024, 27.4898, 24.4510)
contains.

XYZ(20.8659, 27.4683, 24.2808)	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(20.8659, 27.4683,
24.2808)**

Conversions

Conversions Part 1

Format	Color
Hex	669A7F
RGB	102, 154, 127
RGB Percent	40%, 60%, 50%
CMY	0.6000, 0.3961, 0.5020
CMYK	0.34, 0.00, 0.18, 0.40
HSL	149°, 20%, 50%
HSV	149°, 34%, 60%
XYZ	20.8659, 27.4683, 24.2808
YIQ	135.3740, -22.3250, -19.4210

Conversions

Conversions Part 2

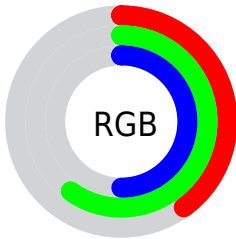
Format	Color
RYB	102, 137, 154
Decimal	6724223
CIELab	59.41, -23.40, 8.73
CIElCh	59, 24.971, 159.545
Yxy	27.4683, 0.2873, 0.3783
Android (android.graphics.Color)	4284914303 (0xFF669A7F)
YUV	135.3740, -4.1284, -29.2690
Hunter-Lab	52.4102, -20.6523, 9.2191

Details

The XYZ color **20.8659, 27.4683, 24.2808** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.0413, 17.9585, 23.0748**, and the grayscale version is **23.1895, 24.3972, 26.5686**.

A 20% lighter version of the original color is **44.5563, 55.8648, 51.6146**, and **7.6416, 10.9806, 8.9244** is the 20% darker color. If you saturate the color by 10%, you get **18.7795, 26.4513, 21.5700**, and if you desaturate by 10%, it is **23.3194, 28.6712, 27.2259**.

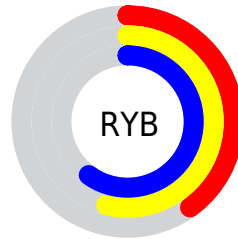
Distribution



Red (40%)

Green (60%)

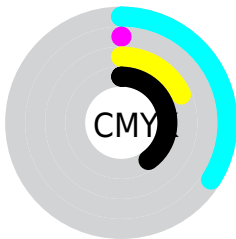
Blue (50%)



Red (40%)

Yellow (54%)

Blue (60%)

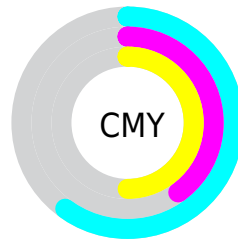


Cyan (34%)

Magenta (0%)

Yellow (18%)

Black (40%)



Cyan (60%)

Magenta (40%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8659, 27.4683, 24.2808 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 20.8659, 27.4683, 24.2808 by changing the saturation by 10% instead.

■ 20.8659, 27.4683,
24.2808

■ 20.8659, 27.4683,
24.2808

249.3102,
289.9175, 287.5692

■ 13.1379, 17.9252,
15.3279

■ 44.3572, 55.6344,
51.4376

■ 7.6012, 10.8963,
8.9007

■ 60.8512, 75.0263,
70.4786

■ 3.8905, 5.9972,
4.5805

■ 80.9980, 98.4699,
93.7194

■ 1.6404, 2.8434,
1.9489

■ 105.1629,
126.3496, 121.5785

■ 0.4185, 1.0505,
0.5236

133.7111,
159.0498, 154.4745

■ 0.0000, 0.0000,
0.0000

167.0082,

196.9549, 192.8260

205.4195,
240.4493, 237.0513

■ 20.8659, 27.4683,
24.2808

■ 20.8659, 27.4683,
24.2808

■ 18.7795, 26.4513,
21.5700

■ 23.3194, 28.6712,
27.2259

■ 17.0391, 25.6073,
19.0858

■ 26.1553, 30.0657,
30.4092

■ 15.6246, 24.9267,
16.8227


■ 29.3908, 31.6611,
33.8366


■ 14.5130, 24.3979,
14.7743


■ 33.0411, 33.4653,
37.5134


■ 13.6780, 24.0073,
12.9336


■ 37.1209, 35.4858,
41.4447


 13.0883, 23.7390,
11.2934

 41.6440, 37.7294,
45.6354

 12.7934, 23.6071,
10.3673

 46.6236, 40.2031,
50.0904

 52.0724, 42.9131,
54.8141

 58.0024, 45.8657,
59.8113

Harmonies

Analogous

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



22.4610, 27.4683, 18.4902



20.8659, 27.4683, 24.2808



20.6119, 27.4683, 32.8578

Triad

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



20.8659, 27.4683, 24.2808



27.1183, 27.4683, 50.3255



31.0284, 27.4683, 20.2232

Complementary

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



20.8659, 27.4683, 24.2808



22.0413, 17.9585, 23.0748

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.



32.5029, 27.4683, 27.1408



20.8659, 27.4683, 24.2808



30.1294, 27.4683, 45.2630

Square

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



20.8659, 27.4683, 24.2808



24.0608, 27.4683, 49.1352



32.1614, 27.4683, 36.3444



28.2677, 27.4683, 16.4930

Rectangle

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



20.8659, 27.4683, 24.2808



21.2149, 27.4683, 39.2364



32.1614, 27.4683, 36.3444



31.7005, 27.4683, 22.1899

Sweetspot

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



20.8667, 27.4694, 24.2814



49.5222, 55.6052, 57.4070



23.1199, 28.7965, 16.9106



11.0395, 12.5024, 12.8120



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.8667, 27.4694, 24.2814



34.7997, 48.3832, 40.1069



22.7254, 28.2129, 34.0696



6.2496, 6.9726, 7.2380



10.4406, 19.2397, 8.5406



0.1743, 0.2949, 0.2238

Inverse Universe

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



22.0413, 17.9585, 23.0748



37.2870, 28.2388, 37.5482



20.5638, 17.3675, 15.2948



6.3360, 6.2736, 7.1495



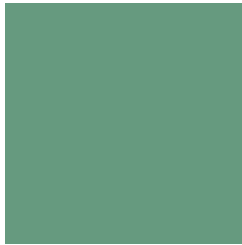
12.0542, 6.0759, 6.8105



0.1986, 0.0982, 0.1986

Previews

White Background



This preview shows how the XYZ color 20.8659, 27.4683, 24.2808 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 20.8659, 27.4683, 24.2808 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 20.8659, 27.4683, 24.2808

Background



This preview shows how black text looks on a background with the XYZ color 20.8659, 27.4683, 24.2808.



This preview shows how white text looks on a background with the XYZ color 20.8659, 27.4683,

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

20.8659, 27.4683, 24.2808

Protanopia

25.7019, 27.2105, 21.9867

Deuteranopia

27.6729, 27.0801, 24.8876



Tritanopia

23.4871, 27.3193, 37.7535

Trichromacy



Original Color

20.8659, 27.4683, 24.2808

Protanomaly

23.5269, 26.9744, 22.7055

Deuteranomaly

24.6001, 26.8053, 24.6463

Tritanomaly

22.4353, 27.3673, 32.5337

Monochromacy



Original Color

20.8659, 27.4683, 24.2808

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.0062, 25.2229, 25.5384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8659, 27.4683, 24.2808 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, 154, 127)` looks like.

```
.text, #text, p{  
    color:rgb(102, 154, 127)  
}
```

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, 154, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 154, 127) }
```

Border

The CSS property to change the border of an element to XYZ 20.8659, 27.4683, 24.2808 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, 154, 127) }
```


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

```
.border{ border-color:rgb(102, 154, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 154, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 154, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 154, 127);  
box-shadow:4px 4px 4px 4px rgb(102, 154,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8659, 27.4683, 24.2808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 154, 127) }
```

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

```
.background{ background-color: rgb(102,  
154, 127) }
```

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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