

Converting Colors

XYZ(20.6619, 27.2786, 23.9020)

Have a look what the booklet for
XYZ(20.6619, 27.2786, 23.9020)
contains.

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Color

**XYZ(20.6883, 27.3843,
23.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	659A7E
RGB	101, 154, 126
RGB Percent	40%, 60%, 49%
CMY	0.6039, 0.3961, 0.5059
CMYK	0.34, 0.00, 0.18, 0.40
HSL	148°, 21%, 50%
HSV	148°, 34%, 60%
XYZ	20.6883, 27.3843, 23.9340
YIQ	134.9610, -22.6000, -19.9440

Conversions

Conversions Part 2

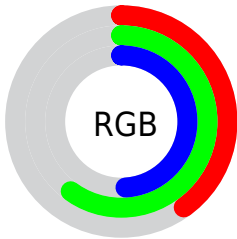
Format	Color
RYB	101, 137, 154
Decimal	6658686
CIELab	59.33, -23.92, 9.17
CIElCh	59, 25.622, 159.018
Yxy	27.3843, 0.2873, 0.3803
Android (android.graphics.Color)	4284848766 (0xFF659A7E)
YUV	134.9610, -4.4178, -29.7838
Hunter-Lab	52.3300, -21.0088, 9.5137

Details

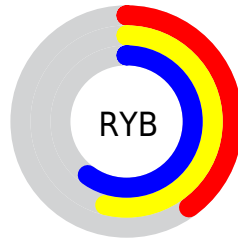
The XYZ color **20.6883, 27.3843, 23.9340** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.9434, 17.7629, 23.0419**, and the grayscale version is **23.0371, 24.2368, 26.3939**.

A 20% lighter version of the original color is **44.2636, 55.7256, 51.0710**, and **7.5550, 10.9401, 8.7346** is the 20% darker color. If you saturate the color by 10%, you get **18.6192, 26.3766, 21.2074**, and if you desaturate by 10%, it is **23.1247, 28.5779, 26.9019**.

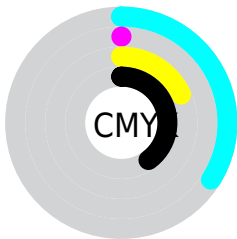
Distribution



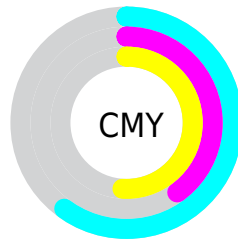
- Red (40%)
- Green (60%)
- Blue (49%)



- Red (40%)
- Yellow (54%)
- Blue (60%)



- Cyan (34%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)



- Cyan (60%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6883, 27.3843, 23.9340 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 20.6883, 27.3843, 23.9340 by changing the saturation by 10% instead.

■ 20.6883, 27.3843,
23.9340

■ 20.6883, 27.3843,
23.9340

248.3805,
289.5130, 285.7624

■ 13.0075, 17.8621,
15.0729

■ 44.0634, 55.4999,
50.8650

■ 7.5108, 10.8510,
8.7234

■ 60.4884, 74.8621,
69.7719

■ 3.8327, 5.9667,
4.4669

■ 80.5589, 98.2730,
92.8646

■ 1.6079, 2.8249,
1.8848

■ 104.6402,
126.1171, 120.5615

■ 0.3976, 1.0410,
0.4830

133.0976,
158.7788, 153.2812

■ 0.0000, 0.0000,
0.0000

166.2966,

196.6424, 191.4422

204.6024,
240.0924, 235.4631

■ 20.6883, 27.3843,
23.9340

■ 20.6883, 27.3843,
23.9340

■ 18.6192, 26.3766,
21.2074

■ 23.1247, 28.5779,
26.9019

■ 16.8961, 25.5417,
18.7141

■ 25.9439, 29.9631,
30.1151

■ 15.4989, 24.8701,
16.4483

■ 29.1631, 31.5492,
33.5801

■ 14.4041, 24.3499,
14.4031

■ 32.7977, 33.3444,
37.3023

■ 13.5853, 23.9674,
12.5714

■ 36.8625, 35.3558,
41.2869

■ 13.0098, 23.7062,
10.9454

■ 41.3713, 37.5908,
45.5393

■ 12.7469, 23.5886,
10.1224

■ 46.3375, 40.0559,
50.0644

■ 51.7737, 42.7577,
54.8670

■ 57.6921, 45.7024,
59.9519

Harmonies

Analogous

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



22.3383, 27.3843, 18.1005



20.6883, 27.3843, 23.9340



20.4044, 27.3843, 32.6694

Triad

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



20.6883, 27.3843, 23.9340



27.0058, 27.3843, 50.8616



31.1147, 27.3843, 20.0298

Complementary

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



20.6883, 27.3843, 23.9340



21.9434, 17.7629, 23.0419

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.



32.6001, 27.3843, 27.1354



20.6883, 27.3843, 23.9340



30.1031, 27.3843, 45.7361

Square

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



20.6883, 27.3843, 23.9340



23.8834, 27.3843, 49.5147



32.2154, 27.3843, 36.5924



28.2972, 27.3843, 16.1889

Rectangle

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



20.6883, 27.3843, 23.9340



21.0030, 27.3843, 39.2224



32.2154, 27.3843, 36.5924



31.7965, 27.3843, 22.0497

Sweetspot

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



20.6890, 27.3854, 23.9346



49.5021, 55.5972, 57.3013



22.9993, 28.7401, 16.6473



11.0344, 12.5003, 12.7853



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.



20.6890, 27.3854, 23.9346



34.7352, 48.3574, 39.7671



22.6100, 28.1538, 34.0500



6.2474, 6.9717, 7.2260



10.4026, 19.2245, 8.3405



0.1737, 0.2947, 0.2204

Inverse Universe

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



21.9434, 17.7629, 23.0419



37.3536, 28.2654, 37.8988



20.4173, 17.1525, 15.0055



6.3383, 6.2745, 7.1615



12.0967, 6.0929, 7.0340



0.1992, 0.0984, 0.2019

Previews

White Background



This preview shows how the XYZ color 20.6883, 27.3843, 23.9340 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 20.6883, 27.3843, 23.9340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

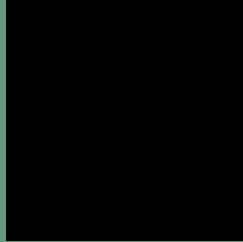
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.6883, 27.3843, 23.9340

Background



This preview shows how black text looks on a background with the XYZ color 20.6883, 27.3843, 23.9340.



This preview shows how white text looks on a background with the XYZ color 20.6883, 27.3843,

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

20.6883, 27.3843, 23.9340

Protanopia

25.6408, 27.1861, 21.6653

Deuteranopia

27.6729, 27.0801, 24.8876



Tritanopia

23.4871, 27.3193, 37.7535

Trichromacy



Original Color

20.6883, 27.3843, 23.9340

Protanomaly

23.3075, 26.8684, 22.3700

Deuteranomaly

24.4324, 26.7189, 24.6384

Tritanomaly

22.3558, 27.3355, 32.1150

Monochromacy



Original Color

20.6883, 27.3843, 23.9340

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 20.6883, 27.3843, 23.9340 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, 154, 126)` looks like.

```
.text, #text, p{  
    color:rgb(101, 154, 126)  
}
```

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, 154, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 154, 126) }
```

Border

The CSS property to change the border of an element to XYZ 20.6883, 27.3843, 23.9340 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, 154, 126) }
```


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

```
.border{ border-color:rgb(101, 154, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 154, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 154, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 154, 126);  
box-shadow:4px 4px 4px 4px rgb(101, 154,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6883, 27.3843, 23.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 154, 126) }
```

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

```
.background{ background-color: rgb(101,  
154, 126) }
```

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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