

Converting Colors

XYZ(19.8641, 25.7727, 23.7512)

Have a look what the booklet for
XYZ(19.8641, 25.7727, 23.7512)
contains.

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Color

**XYZ(19.8802, 25.7680,
23.6646)**

Conversions

Conversions Part 1

Format	Color
Hex	65957E
RGB	101, 149, 126
RGB Percent	40%, 58%, 49%
CMY	0.6039, 0.4157, 0.5059
CMYK	0.32, 0.00, 0.15, 0.42
HSL	151°, 19%, 49%
HSV	151°, 32%, 58%
XYZ	19.8802, 25.7680, 23.6646
YIQ	132.0260, -21.2250, -17.3290

Conversions

Conversions Part 2

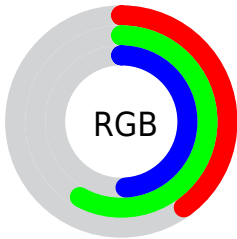
Format	Color
RYB	101, 133, 149
Decimal	6657406
CIELab	57.82, -21.37, 7.02
CIELCh	58, 22.497, 161.813
Yxy	25.7680, 0.2868, 0.3718
Android (android.graphics.Color)	4284847486 (0xFF65957E)
YUV	132.0260, -2.9708, -27.2098
Hunter-Lab	50.7622, -18.9272, 7.8934

Details

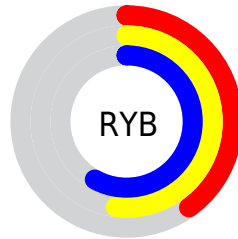
The XYZ color **19.8802, 25.7680, 23.6646** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6871, 17.1528, 21.2904**, and the grayscale version is **21.9580, 23.1015, 25.1575**.

A 20% lighter version of the original color is **42.6295, 52.7388, 50.5806**, and **7.1234, 10.0013, 8.5762** is the 20% darker color. If you saturate the color by 10%, you get **17.9165, 24.8077, 21.2532**, and if you desaturate by 10%, it is **22.1808, 26.8995, 26.2646**.

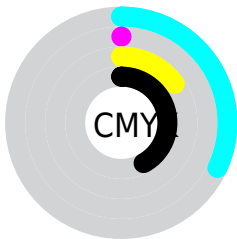
Distribution



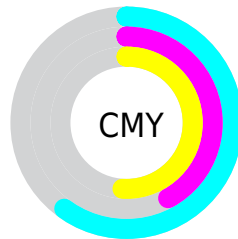
- Red (40%)
- Green (58%)
- Blue (49%)



- Red (40%)
- Yellow (52%)
- Blue (58%)



- Cyan (32%)
- Magenta (0%)
- Yellow (15%)
- Black (42%)



- Cyan (60%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8802, 25.7680, 23.6646 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 19.8802, 25.7680, 23.6646 by changing the saturation by 10% instead.

■ 19.8802, 25.7680,
23.6646

■ 19.8802, 25.7680,
23.6646

244.1118,
281.6413, 284.3521

■ 12.4157, 16.6502,
14.8751

■ 42.7217, 52.9004,
50.4193

■ 7.1017, 9.9854,
8.5861

■ 58.8295, 71.6838,
69.2215

■ 3.5727, 5.3893,
4.3791

■ 78.5491, 94.4578,
92.1985

■ 1.4633, 2.4774,
1.8356

■ 102.2459,
121.6069, 119.7686

■ 0.3007, 0.8653,
0.4513

130.2851,
153.5154, 152.3505

■ 0.0000, 0.0000,
0.0000

163.0323,

190.5677, 190.3627

200.8528,
233.1482, 234.2237

■ 19.8802, 25.7680,
23.6646

■ 19.8802, 25.7680,
23.6646

■ 17.9165, 24.8077,
21.2532

■ 22.1808, 26.8995,
26.2646

■ 16.2704, 24.0067,
19.0242

■ 24.8318, 28.2072,
29.0556

■ 14.9240, 23.3567,
16.9737

■ 27.8488, 29.6995,
32.0423

■ 13.8567, 22.8469,
15.0969

■ 31.2456, 31.3836,
35.2284

■ 13.0451, 22.4655,
13.3889

■ 35.0353, 33.2662,
38.6180

■ 12.4616, 22.1982,
11.8441

■ 39.2306, 35.3537,
42.2145

■ 12.1089, 22.0403,
10.7492

■ 43.8433, 37.6521,
46.0216

■ 48.8848, 40.1673,
50.0428

■ 54.3662, 42.9050,
54.2815

Harmonies

Analogous

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



21.1888, 25.7680, 18.3645



19.8802, 25.7680, 23.6646



19.7504, 25.7680, 31.2145

Triad

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



19.8802, 25.7680, 23.6646



25.5707, 25.7680, 45.2856



28.5714, 25.7680, 19.2605

Complementary

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



19.8802, 25.7680, 23.6646



20.6871, 17.1528, 21.2904

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.



29.9369, 25.7680, 25.1199



19.8802, 25.7680, 23.6646



28.1212, 25.7680, 40.6715

Square

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



19.8802, 25.7680, 23.6646



22.9057, 25.7680, 44.6990



29.7663, 25.7680, 32.9618



26.1493, 25.7680, 16.1626

Rectangle

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



19.8802, 25.7680, 23.6646



20.3369, 25.7680, 36.6538



29.7663, 25.7680, 32.9618



29.1770, 25.7680, 20.9219

Sweetspot

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



19.8809, 25.7691, 23.6652



45.5022, 51.0239, 53.0804



21.4384, 26.7357, 16.3429



9.9390, 11.2360, 11.6168



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.8809, 25.7691, 23.6652



32.8838, 44.8157, 39.0765



21.4138, 26.1804, 32.3598



5.8482, 6.5159, 6.8113



10.2059, 18.5552, 9.1260



0.1398, 0.2331, 0.1902

Inverse Universe

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



20.6871, 17.1528, 21.2904



34.5701, 26.7988, 34.1133



19.4759, 16.7932, 14.5272



5.9096, 5.8589, 6.6301



11.4146, 5.7709, 5.6641



0.1545, 0.0765, 0.1470

Previews

White Background



This preview shows how the XYZ color 19.8802, 25.7680, 23.6646 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 19.8802, 25.7680, 23.6646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

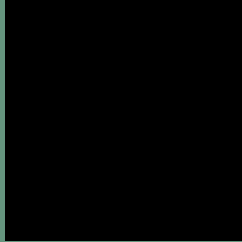
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.8802, 25.7680, 23.6646

Background



This preview shows how black text looks on a background with the XYZ color 19.8802, 25.7680, 23.6646.



This preview shows how white text looks on a background with the XYZ color 19.8802, 25.7680,

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

19.8802, 25.7680, 23.6646

Protanopia

24.1557, 25.5528, 21.4283

Deuteranopia

26.0051, 25.6037, 24.3403



Tritanopia

22.1896, 25.7769, 35.2584

Trichromacy



Original Color

19.8802, 25.7680, 23.6646

Protanomaly

22.2391, 25.4183, 22.1464

Deuteranomaly

23.1206, 25.1746, 24.0627

Tritanomaly

21.2154, 25.6054, 30.6122

Monochromacy



Original Color

19.8802, 25.7680, 23.6646

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.0029, 23.8536, 24.6163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8802, 25.7680, 23.6646 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, 149, 126)` looks like.

```
.text, #text, p{  
    color:rgb(101, 149, 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, 149, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 149, 126) }
```

Border

The CSS property to change the border of an element to XYZ 19.8802, 25.7680, 23.6646 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, 149, 126) }
```


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

```
.border{ border-color:rgb(101, 149, 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, 149, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 149, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 149, 126);  
box-shadow:4px 4px 4px 4px rgb(101, 149,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8802, 25.7680, 23.6646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 149, 126) }
```

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

```
.background{ background-color: rgb(101,  
149, 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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