

Converting Colors

XYZ(19.9804, 25.1388, 22.8680)

Have a look what the booklet for
XYZ(19.9804, 25.1388, 22.8680)
contains.

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Color

**XYZ(19.9804, 25.1388,
22.8680)**

Conversions

Conversions Part 1

Format	Color
Hex	6B927C
RGB	107, 146, 124
RGB Percent	42%, 57%, 49%
CMY	0.5804, 0.4274, 0.5137
CMYK	0.27, 0.00, 0.15, 0.43
HSL	146°, 15%, 50%
HSV	146°, 27%, 57%
XYZ	19.9804, 25.1388, 22.8680
YIQ	131.8310, -16.1820, -15.1100

Conversions

Conversions Part 2

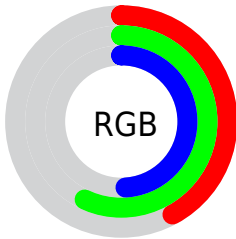
Format	Color
RYB	107, 134, 146
Decimal	7049852
CIELab	57.21, -18.26, 7.34
CIELCh	57, 19.685, 158.101
Yxy	25.1388, 0.2939, 0.3698
Android (android.graphics.Color)	4285239932 (0xFF6B927C)
YUV	131.8310, -3.8607, -21.7768
Hunter-Lab	50.1386, -16.6097, 8.0551

Details

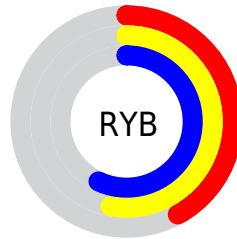
The XYZ color **19.9804, 25.1388, 22.8680** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.0751, 18.2120, 23.1745**, and the grayscale version is **21.8894, 23.0294, 25.0790**.

A 20% lighter version of the original color is **42.8882, 51.8538, 49.3433**, and **7.1071, 9.5920, 8.1335** is the 20% darker color. If you saturate the color by 10%, you get **17.8719, 24.1102, 20.1632**, and if you desaturate by 10%, it is **22.4302, 26.3397, 25.8170**.

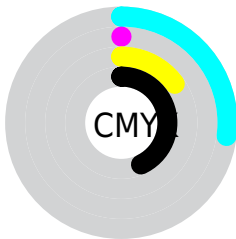
Distribution



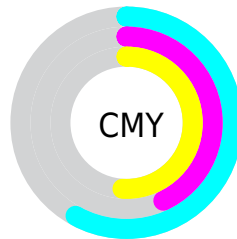
- Red (42%)
- Green (57%)
- Blue (49%)



- Red (42%)
- Yellow (53%)
- Blue (57%)



- Cyan (27%)
- Magenta (0%)
- Yellow (15%)
- Black (43%)



- Cyan (58%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9804, 25.1388, 22.8680 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 19.9804, 25.1388, 22.8680 by changing the saturation by 10% instead.

■ 19.9804, 25.1388,
22.8680

■ 19.9804, 25.1388,
22.8680

244.6446,
278.5285, 280.1462

■ 12.4890, 16.1805,
14.2917

■ 42.8885, 51.8823,
49.0969

■ 7.1522, 9.6520,
8.1828

■ 59.0359, 70.4363,
67.5866

■ 3.6046, 5.1688,
4.1227

■ 78.7994, 92.9576,
90.2179

■ 1.4810, 2.3467,
1.6929

■ 102.5442,
119.8307, 117.4092

■ 0.3128, 0.7982,
0.3558

130.6358,
151.4400, 149.5792

■ 0.0000, 0.0000,
0.0000

163.4395,

188.1697, 187.1463

201.3206,
230.4044, 230.5291

■ 19.9804, 25.1388,
22.8680

■ 19.9804, 25.1388,
22.8680

■ 17.8719, 24.1102,
20.1632

■ 22.4302, 26.3397,
25.8170

■ 16.0867, 23.2427,
17.6946

■ 25.2342, 27.7173,
29.0146

■ 14.6082, 22.5285,
15.4562

■ 28.4069, 29.2798,
32.4671

■ 13.4175, 21.9581,
13.4413

■ 31.9615, 31.0338,
36.1800

■ 12.4934, 21.5205,
11.6425

■ 35.9106, 32.9856,
40.1589

■ 11.8115, 21.2035,
10.0522

■ 40.2661, 35.1414,
44.4091

■ 11.3330, 20.9871,
8.6616

■ 45.0394, 37.5069,
48.9355

■ 11.1945, 20.9248,
8.2457

■ 50.2415, 40.0876,
53.7432

■ 55.8830, 42.8890,
58.8370

Harmonies

Analogous

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



21.2394, 25.1388, 18.4807



19.9804, 25.1388, 22.8680



19.7346, 25.1388, 29.2163

Triad

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



19.9804, 25.1388, 22.8680



24.5293, 25.1388, 42.1081



27.5879, 25.1388, 20.2061

Complementary

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



19.9804, 25.1388, 22.8680



21.0751, 18.2120, 23.1745

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.



28.5995, 25.1388, 25.6068



19.9804, 25.1388, 22.8680



26.7603, 25.1388, 38.7364

Square

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



19.9804, 25.1388, 22.8680



22.2644, 25.1388, 41.0558



28.2872, 25.1388, 32.4314



25.6005, 25.1388, 17.1264

Rectangle

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



19.9804, 25.1388, 22.8680



20.1624, 25.1388, 33.8576



28.2872, 25.1388, 32.4314



28.0590, 25.1388, 21.7723

Sweetspot

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



19.9811, 25.1398, 22.8686



43.7576, 48.5223, 50.3378



22.0021, 26.2954, 17.8262



9.5768, 10.7168, 11.0211



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.9811, 25.1398, 22.8686



32.9687, 43.2343, 37.4577



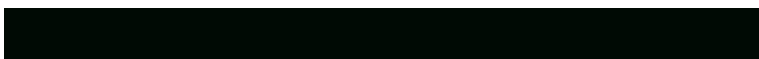
21.3314, 25.6800, 29.9794



5.8283, 6.5079, 6.7067



9.8616, 18.4174, 7.3129



0.1351, 0.2312, 0.1652

Inverse Universe

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



21.0751, 18.2120, 23.1745



35.2278, 28.9236, 38.0859



19.9053, 17.7441, 17.0142



5.9296, 5.8669, 6.7353



11.7954, 5.9232, 7.6693



0.1592, 0.0784, 0.1720

Previews

White Background



This preview shows how the XYZ color 19.9804, 25.1388, 22.8680 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 19.9804, 25.1388, 22.8680 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

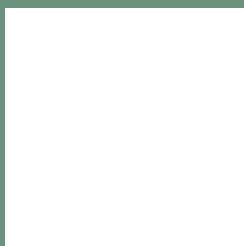
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.9804, 25.1388, 22.8680

Background



This preview shows how black text looks on a background with the XYZ color 19.9804, 25.1388, 22.8680.



This preview shows how white text looks on a background with the XYZ color 19.9804, 25.1388,

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

19.9804, 25.1388, 22.8680

Protanopia

23.6031, 25.0629, 21.0464

Deuteranopia

25.4085, 24.9049, 23.5466



Tritanopia

22.2328, 25.1566, 33.8209

Trichromacy



Original Color

19.9804, 25.1388, 22.8680

Protanomaly

22.0352, 24.8825, 21.7306

Deuteranomaly

23.0281, 24.7160, 23.2956

Tritanomaly

21.2605, 24.9774, 29.2918

Monochromacy



Original Color

19.9804, 25.1388, 22.8680

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.0765, 23.6873, 24.2301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9804, 25.1388, 22.8680 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(107, 146, 124)` looks like.

```
.text, #text, p{  
    color:rgb(107, 146, 124)  
}
```

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(107, 146, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 146, 124) }
```

Border

The CSS property to change the border of an element to XYZ 19.9804, 25.1388, 22.8680 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(107, 146, 124) }
```


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

```
.border{ border-color:rgb(107, 146, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 146, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 146, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 146, 124);  
box-shadow:4px 4px 4px 4px rgb(107, 146,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9804, 25.1388, 22.8680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 146, 124) }
```

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

```
.background{ background-color: rgb(107,  
146, 124) }
```

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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