

Converting Colors

XYZ(19.8827, 25.0895, 10.1896)

Have a look what the booklet for
XYZ(19.8827, 25.0895, 10.1896)
contains.

XYZ(19.9656, 25.1808, 10.2867)	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(19.9656, 25.1808,
10.2867)**

Conversions

Conversions Part 1

Format	Color
Hex	7E914A
RGB	126, 145, 74
RGB Percent	49%, 57%, 29%
CMY	0.5059, 0.4314, 0.7098
CMYK	0.13, 0.00, 0.49, 0.43
HSL	76°, 32%, 43%
HSV	76°, 49%, 57%
XYZ	19.9656, 25.1808, 10.2867
YIQ	131.2250, 11.4670, -26.1090

Conversions

Conversions Part 2

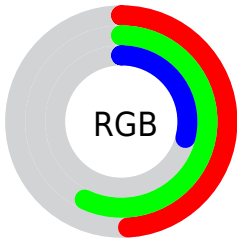
Format	Color
RYB	74, 145, 93
Decimal	8294730
CIELab	57.25, -18.51, 35.21
CIELCh	57, 39.776, 117.738
Yxy	25.1808, 0.3602, 0.4543
Android (android.graphics.Color)	4286484810 (0xFF7E914A)
YUV	131.2250, -28.2119, -4.5823
Hunter-Lab	50.1805, -16.7950, 22.9722

Details

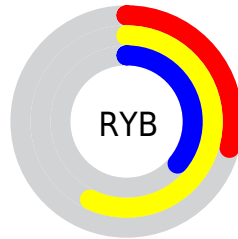
The XYZ color **19.9656, 25.1808, 10.2867** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.0748, 9.2698, 27.9423**, and the grayscale version is **21.7493, 22.8819, 24.9184**.

A 20% lighter version of the original color is **42.8839, 52.0054, 26.8466**, and **7.1803, 9.7549, 2.4817** is the 20% darker color. If you saturate the color by 10%, you get **18.9713, 24.7191, 7.9776**, and if you desaturate by 10%, it is **21.0960, 25.7012, 13.1910**.

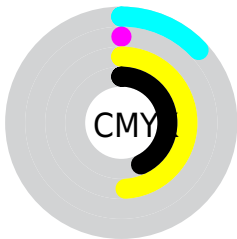
Distribution



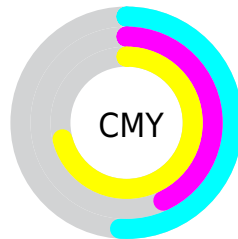
- Red (49%)
- Green (57%)
- Blue (29%)



- Red (29%)
- Yellow (57%)
- Blue (36%)



- Cyan (13%)
- Magenta (0%)
- Yellow (49%)
- Black (43%)



- Cyan (51%)
- Magenta (43%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9656, 25.1808, 10.2867 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 19.9656, 25.1808, 10.2867 by changing the saturation by 10% instead.

■ 19.9656, 25.1808,
10.2867

■ 19.9656, 25.1808,
10.2867

244.5659,
278.7371, 203.2648

■ 12.4782, 16.2118,
5.4814

■ 42.8639, 51.9504,
26.9496

■ 7.1447, 9.6742,
2.4687

■ 59.0054, 70.5198,
39.6442

■ 3.5999, 5.1835,
0.8235

■ 78.7624, 93.0581,
55.8057

■ 1.4784, 2.3553,
0.0000

■ 102.5002,
119.9497, 75.8526

■ 0.3110, 0.8027,
0.0000

■ 130.5840,
151.5790, 100.2034

■ 0.0000, 0.0000,
0.0000

163.3794,

188.3304, 129.2767

201.2516,
230.5883, 163.4910

■ 19.9656, 25.1808,
10.2867

■ 19.9656, 25.1808,
10.2867

■ 18.9713, 24.7191,
7.9776

■ 21.0960, 25.7012,
13.1910

■ 18.1032, 24.3096,
6.2209

■ 22.3679, 26.2800,
16.7264

■ 17.3527, 23.9496,
4.9703

■ 23.7888, 26.9210,
20.9277

■ 16.7092, 23.6349,
4.1716

■ 25.3649, 27.6267,
25.8267

■ 16.1489, 23.3559,
3.7001

■ 27.1021, 28.3995,
31.4534

■ 16.0928, 23.3279,
3.6546

■ 29.0061, 29.2417,
37.8357

■ 31.0819, 30.1555,
45.0002

■ 33.3348, 31.1428,
52.9723

■ 35.7695, 32.2055,
61.7761

Harmonies

Analogous

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



24.2924, 25.1808, 8.8240



19.9656, 25.1808, 10.2867



17.0705, 25.1808, 15.7840

Triad

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



19.9656, 25.1808, 10.2867



19.4227, 25.1808, 55.6758



34.1575, 25.1808, 28.4528

Complementary

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



19.9656, 25.1808, 10.2867



12.0748, 9.2698, 27.9423

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.



32.4263, 25.1808, 43.7007



19.9656, 25.1808, 10.2867



23.5784, 25.1808, 62.3036

Square

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



19.9656, 25.1808, 10.2867



16.7871, 25.1808, 41.3286



28.3953, 25.1808, 57.3314



32.8654, 25.1808, 17.0415

Rectangle

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



19.9656, 25.1808, 10.2867



16.1380, 25.1808, 22.2756



28.3953, 25.1808, 57.3314



33.9055, 25.1808, 33.2956

Sweetspot

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



19.9662, 25.1819, 10.2872



43.5981, 48.6569, 40.5330



16.8225, 14.3320, 8.3587



9.5839, 10.7727, 8.6635



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.



19.9662, 25.1819, 10.2872



33.7642, 44.1681, 13.8351



15.6341, 22.9486, 10.0845



5.7007, 6.2138, 5.7883



13.8280, 20.0212, 3.1357



0.1532, 0.2022, 0.0310

Inverse Universe

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



12.0748, 9.2698, 27.9423



17.9157, 12.1564, 49.3757



16.5279, 11.5654, 28.1507



5.2566, 5.3205, 6.7787



5.1174, 2.1317, 23.1188



0.0675, 0.0300, 0.2219

Previews

White Background



This preview shows how the XYZ color 19.9656, 25.1808, 10.2867 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 19.9656, 25.1808, 10.2867 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 19.9656, 25.1808, 10.2867

Background



This preview shows how black text looks on a background with the XYZ color 19.9656, 25.1808, 10.2867.



This preview shows how white text looks on a background with the XYZ color 19.9656, 25.1808,

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

19.9656, 25.1808, 10.2867

Protanopia

22.8455, 24.9256, 9.5683

Deuteranopia

25.3922, 24.9839, 10.5052



Tritanopia

24.2826, 25.1803, 31.5974

Trichromacy



Original Color

19.9656, 25.1808, 10.2867

Protanomaly

21.7031, 24.9748, 9.8076

Deuteranomaly

23.0576, 24.8055, 10.4102

Tritanomaly

22.3450, 25.0422, 21.7451

Monochromacy



Original Color

19.9656, 25.1808, 10.2867

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.6719, 23.4012, 18.1792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9656, 25.1808, 10.2867 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(126, 145, 74)` looks like.

```
.text, #text, p{  
    color:rgb(126, 145, 74)  
}
```

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(126, 145, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 145, 74) }
```

Border

The CSS property to change the border of an element to XYZ 19.9656, 25.1808, 10.2867 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(126, 145, 74) }
```


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

```
.border{ border-color:rgb(126, 145, 74) }
```

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

Here you see how a box with a 4 pixel rgb(126, 145, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 145, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 145, 74);  
box-shadow:4px 4px 4px 4px rgb(126, 145,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9656, 25.1808, 10.2867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 145, 74) }
```

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

```
.background{ background-color: rgb(126,  
145, 74) }
```

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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