

Converting Colors

XYZ(19.7046, 25.1742, 22.0466)

Have a look what the booklet for
XYZ(19.7046, 25.1742, 22.0466)
contains.

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Color

**XYZ(19.7106, 25.2512,
21.9243)**

Conversions

Conversions Part 1

Format	Color
Hex	699379
RGB	105, 147, 121
RGB Percent	41%, 58%, 47%
CMY	0.5882, 0.4235, 0.5255
CMYK	0.29, 0.00, 0.18, 0.42
HSL	143°, 17%, 49%
HSV	143°, 29%, 58%
XYZ	19.7106, 25.2512, 21.9243
YIQ	131.4780, -16.6860, -16.9900

Conversions

Conversions Part 2

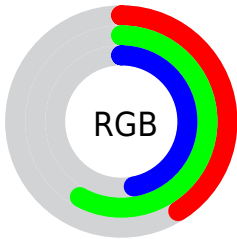
Format	Color
RYB	105, 135, 147
Decimal	6919033
CIELab	57.32, -20.08, 9.19
CIElCh	57, 22.080, 155.410
Yxy	25.2512, 0.2947, 0.3775
Android (android.graphics.Color)	4285109113 (0xFF699379)
YUV	131.4780, -5.1657, -23.2212
Hunter-Lab	50.2506, -17.9225, 9.3072

Details

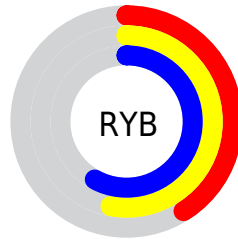
The XYZ color **19.7106, 25.2512, 21.9243** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.1818, 17.9454, 23.8211**, and the grayscale version is **21.7672, 22.9008, 24.9390**.

A 20% lighter version of the original color is **42.3341, 51.9585, 47.3329**, and **6.9835, 9.6744, 7.6302** is the 20% darker color. If you saturate the color by 10%, you get **17.5991, 24.2248, 19.0486**, and if you desaturate by 10%, it is **22.1747, 26.4546, 25.0924**.

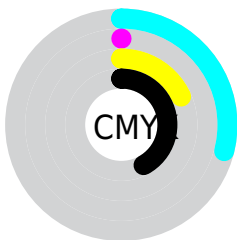
Distribution



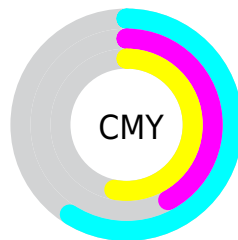
- Red (41%)
- Green (58%)
- Blue (47%)



- Red (41%)
- Yellow (53%)
- Blue (58%)



- Cyan (29%)
- Magenta (0%)
- Yellow (18%)
- Black (42%)



- Cyan (59%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7106, 25.2512, 21.9243 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 19.7106, 25.2512, 21.9243 by changing the saturation by 10% instead.

■ 19.7106, 25.2512,
21.9243

■ 19.7106, 25.2512,
21.9243

243.2076,
279.0866, 275.0913

■ 12.2919, 16.2643,
13.6035

■ 42.4391, 52.0644,
47.5214

■ 7.0164, 9.7114,
7.7098

■ 58.4796, 70.6596,
65.6349

■ 3.5188, 5.2080,
3.8247

■ 78.1248, 93.2263,
87.8496

■ 1.4337, 2.3698,
1.5297

■ 101.7399,
120.1489, 114.5841

■ 0.2800, 0.8103,
0.2399

129.6904,
151.8119, 146.2570

■ 0.0000, 0.0000,
0.0000

162.3416,

188.5995, 183.2868

200.0589,
230.8963, 226.0920

■ 19.7106, 25.2512,
21.9243

■ 19.7106, 25.2512,
21.9243

■ 17.5991, 24.2248,
19.0486

■ 22.1747, 26.4546,
25.0924

■ 15.8212, 23.3639,
16.4554

■ 25.0048, 27.8398,
28.5593

■ 14.3595, 22.6601,
14.1363

■ 28.2165, 29.4153,
32.3332

■ 13.1938, 22.1035,
12.0822

■ 31.8235, 31.1880,
36.4215

■ 12.3016, 21.6824,
10.2834

■ 35.8390, 33.1646,
40.8313

■ 11.6570, 21.3838,
8.7293

■ 40.2755, 35.3515,
45.5696

■ 11.2065, 21.1804,
7.4077

■ 45.1451, 37.7546,
50.6431

■ 11.1480, 21.1540,
7.2369

■ 50.4592, 40.3797,
56.0582

■ 56.2289, 43.2325,
61.8213

Harmonies

Analogous

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



21.2021, 25.2512, 17.3443



19.7106, 25.2512, 21.9243



19.3326, 25.2512, 28.8751

Triad

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



19.7106, 25.2512, 21.9243



24.4779, 25.2512, 44.4761



28.3385, 25.2512, 19.9627

Complementary

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



19.7106, 25.2512, 21.9243



21.1818, 17.9454, 23.8211

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.



29.3651, 25.2512, 26.1581



19.7106, 25.2512, 21.9243



27.0350, 25.2512, 40.9875

Square

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



19.7106, 25.2512, 21.9243



21.9674, 25.2512, 42.7858



28.8717, 25.2512, 33.9357



26.1553, 25.2512, 16.3642

Rectangle

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



19.7106, 25.2512, 21.9243



19.7373, 25.2512, 34.1513



28.8717, 25.2512, 33.9357



28.8372, 25.2512, 21.7640

Sweetspot

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



19.7113, 25.2523, 21.9249



44.4482, 49.6933, 50.7473



22.4377, 26.7619, 17.3478



9.9838, 11.2641, 11.3883



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.



19.7113, 25.2523, 21.9249



32.9083, 44.0577, 36.0459



21.0978, 25.8068, 29.2260



5.8156, 6.5028, 6.6396



9.6756, 18.3431, 6.3335



0.1320, 0.2299, 0.1490

Inverse Universe

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



21.1818, 17.9454, 23.8211



35.9654, 28.8589, 39.9820



19.9322, 17.4456, 17.2408



5.9426, 5.8721, 6.8038



12.0811, 6.0375, 9.1739



0.1623, 0.0797, 0.1881

Previews

White Background



This preview shows how the XYZ color 19.7106, 25.2512, 21.9243 looks on a white background.

Color Contrast Check

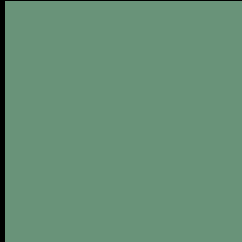
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7106, 25.2512, 21.9243 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 19.7106, 25.2512, 21.9243

Background



This preview shows how black text looks on a background with the XYZ color 19.7106, 25.2512, 21.9243.



This preview shows how white text looks on a background with the XYZ color 19.7106, 25.2512,

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

19.7106, 25.2512, 21.9243

Protanopia

23.5996, 25.0816, 20.1204

Deuteranopia

25.4069, 24.9263, 22.5410



Tritanopia

22.0613, 25.0586, 34.2459

Trichromacy



Original Color

19.7106, 25.2512, 21.9243

Protanomaly

22.0008, 25.1036, 20.8255

Deuteranomaly

22.8373, 24.6397, 22.2912

Tritanomaly

21.1624, 25.1507, 29.3304

Monochromacy



Original Color

19.7106, 25.2512, 21.9243

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.8025, 23.5612, 23.5300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7106, 25.2512, 21.9243 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(105, 147, 121)` looks like.

```
.text, #text, p{  
    color:rgb(105, 147, 121)  
}
```

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(105, 147, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 147, 121) }
```

Border

The CSS property to change the border of an element to XYZ 19.7106, 25.2512, 21.9243 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(105, 147, 121) }
```


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

```
.border{ border-color:rgb(105, 147, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 147, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 147, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 147, 121);  
box-shadow:4px 4px 4px 4px rgb(105, 147,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7106, 25.2512, 21.9243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 147, 121) }
```

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

```
.background{ background-color: rgb(105,  
147, 121) }
```

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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