

Converting Colors

XYZ(18.2228, 19.3520, 22.1721)

Have a look what the booklet for
XYZ(18.2228, 19.3520, 22.1721)
contains.

XYZ(18.1324, 19.2513, 22.1622)	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(18.1324, 19.2513,
22.1622)**

Conversions

Conversions Part 1

Format	Color
Hex	767A7D
RGB	118, 122, 125
RGB Percent	46%, 48%, 49%
CMY	0.5373, 0.5216, 0.5098
CMYK	0.06, 0.02, 0.00, 0.51
HSL	206°, 3%, 48%
HSV	206°, 6%, 49%
XYZ	18.1324, 19.2513, 22.1622
YIQ	121.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

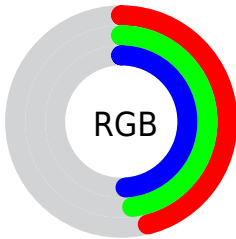
Format	Color
R_{YB}	118, 121, 125
Decimal	7764605
CIE Lab	50.98, -0.87, -2.16
CIE LCh	51, 2.334, 248.046
Yxy	19.2513, 0.3045, 0.3233
Android (android.graphics.Color)	4285954685 (0xFF767A7D)
YUV	121.1460, 1.9000, -2.7590
Hunter-Lab	43.8763, -3.0163, 0.7657

Details

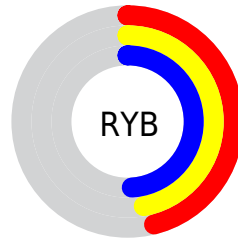
The XYZ color **18.1324, 19.2513, 22.1622** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.5648, 19.3424, 19.8948**, and the grayscale version is **18.2164, 19.1651, 20.8708**.

A 20% lighter version of the original color is **39.7495, 42.0325, 48.1375**, and **6.2128, 6.5890, 7.7818** is the 20% darker color. If you saturate the color by 10%, you get **15.9070, 17.1555, 21.8753**, and if you desaturate by 10%, it is **20.6201, 21.5371, 22.4726**.

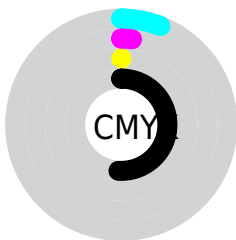
Distribution



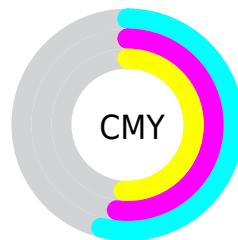
- Red (46%)
- Green (48%)
- Blue (49%)



- Red (46%)
- Yellow (47%)
- Blue (49%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (51%)



- Cyan (54%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1324, 19.2513, 22.1622 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 18.1324, 19.2513, 22.1622 by changing the saturation by 10% instead.

■ 18.1324, 19.2513,
22.1622

■ 18.1324, 19.2513,
22.1622

234.6474,
247.8326, 276.3732

■ 11.1453, 11.8520,
13.7767

■ 39.7911, 42.1583,
47.9196

■ 6.2327, 6.6430,
7.8285

■ 55.1935, 58.4348,
66.1285

■ 3.0291, 3.2398,
3.8992

■ 74.1317, 78.4392,
88.4489

■ 1.1692, 1.2582,
1.5702

96.9711, 102.5558,
115.2995

■ 0.0818, 0.1085,
0.2694

124.0770,
131.1690, 147.0986

■ 0.0000, 0.0000,
0.0000

155.8148,

164.6633, 184.2649

192.5498,
203.4230, 227.2170

■ 18.1324, 19.2513,
22.1622

■ 18.1324, 19.2513,
22.1622

■ 15.9070, 17.1555,
21.8753

■ 20.6201, 21.5371,
22.4726

■ 13.9329, 15.2416,
21.6099

■ 23.3774, 24.0160,
22.8057

■ 12.2007, 13.5045,
21.3659

■ 26.4131, 26.6938,
23.1626

■ 10.6997, 11.9377,
21.1426

■ 29.7354, 29.5756,
23.5437

■ 9.4185, 10.5344,
20.9392

■ 33.3519, 32.6660,
23.9496

■ 8.3444, 9.2871,
20.7551

■ 37.2701, 35.9697,
24.3808

■ 7.4636, 8.1877,
20.5893

■ 41.4970, 39.4911,
24.8377

■ 6.7600, 7.2270,
20.4410

■ 46.0397, 43.2346,
25.3209

■ 6.2077, 6.3904,
20.3086

■ 50.9047, 47.2042,
25.8306

Harmonies

Analogous

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



17.9506, 19.2513, 21.7543



18.1324, 19.2513, 22.1622



18.3600, 19.2513, 22.2450

Triad

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



18.1324, 19.2513, 22.1622



18.7406, 19.2513, 20.7840



18.0257, 19.2513, 19.9765

Complementary

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



18.1324, 19.2513, 22.1622



18.5648, 19.3424, 19.8948

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.



18.2357, 19.2513, 19.7282



18.1324, 19.2513, 22.1622



18.6494, 19.2513, 20.1880

Square

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



18.1324, 19.2513, 22.1622



18.7124, 19.2513, 21.4401



18.4642, 19.2513, 19.8048



17.8893, 19.2513, 20.4899

Rectangle

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



18.1324, 19.2513, 22.1622



18.5072, 19.2513, 22.1030



18.4642, 19.2513, 19.8048



18.0900, 19.2513, 19.8598

Sweetspot

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



18.1330, 19.2521, 22.1626



33.9987, 35.8895, 39.8798



18.2512, 19.8975, 20.9413



7.7485, 8.1774, 9.0731



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



18.1330, 19.2521, 22.1626



31.8152, 33.8642, 39.6040



17.7205, 18.4272, 22.0251



4.4004, 4.6847, 5.4856



6.2393, 6.2972, 21.1366



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.4491, 18.7223, 21.0547



32.5352, 32.6707, 37.0781



18.9877, 20.1882, 20.0357



4.5018, 4.5167, 5.1298



10.0263, 5.0302, 6.7282



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.1324, 19.2513, 22.1622 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 18.1324, 19.2513, 22.1622 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

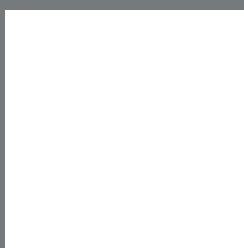
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.1324, 19.2513, 22.1622

Background



This preview shows how black text looks on a background with the XYZ color 18.1324, 19.2513, 22.1622.



This preview shows how white text looks on a background with the XYZ color 18.1324, 19.2513,

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

18.1324, 19.2513, 22.1622

Protanopia

18.6438, 19.3409, 21.8193

Deuteranopia

19.6044, 19.2885, 22.4285



Tritanopia

18.5419, 19.2354, 24.2083

Trichromacy

**Original Color**

18.1324, 19.2513, 22.1622

Protanomaly

18.3606, 19.1949, 21.8061

Deuteranomaly

18.9669, 19.1356, 22.4325

Tritanomaly

18.4076, 19.1817, 23.5011

Monochromacy

**Original Color**

18.1324, 19.2513, 22.1622

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.0960, 19.0730, 21.1400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1324, 19.2513, 22.1622 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(118, 122, 125)` looks like.

```
.text, #text, p{  
    color:rgb(118, 122, 125)  
}
```

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(118, 122, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 122, 125) }
```

Border

The CSS property to change the border of an element to XYZ 18.1324, 19.2513, 22.1622 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(118, 122, 125) }
```


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

```
.border{ border-color:rgb(118, 122, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 122, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 122, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 122, 125);  
box-shadow:4px 4px 4px 4px rgb(118, 122,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1324, 19.2513, 22.1622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 122, 125) }
```

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

```
.background{ background-color: rgb(118,  
122, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor