

Converting Colors

XYZ(19.5271, 21.9822, 21.1936)

Have a look what the booklet for
XYZ(19.5271, 21.9822, 21.1936)
contains.

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Color

**XYZ(19.4482, 21.8761,
21.2866)**

Conversions

Conversions Part 1

Format	Color
Hex	788479
RGB	120, 132, 121
RGB Percent	47%, 52%, 47%
CMY	0.5294, 0.4823, 0.5255
CMYK	0.09, 0.00, 0.08, 0.48
HSL	125°, 5%, 49%
HSV	125°, 9%, 52%
XYZ	19.4482, 21.8761, 21.2866
YIQ	127.1580, -3.6210, -5.9650

Conversions

Conversions Part 2

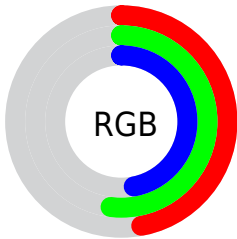
Format	Color
R_{YB}	120, 131, 132
Decimal	7898233
CIE _{Lab}	53.90, -6.64, 4.43
CIE _{LCh}	54, 7.982, 146.269
Yxy	21.8761, 0.3106, 0.3494
Android (android.graphics.Color)	4286088313 (0xFF788479)
YUV	127.1580, -3.0359, -6.2776
Hunter-Lab	46.7719, -7.6288, 5.7565

Details

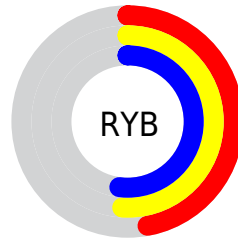
The XYZ color **19.4482, 21.8761, 21.2866** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.3298, 19.9777, 24.2585**, and the grayscale version is **20.2386, 21.2926, 23.1876**.

A 20% lighter version of the original color is **41.9050, 46.4857, 46.2992**, and **6.9683, 8.0453, 7.4890** is the 20% darker color. If you saturate the color by 10%, you get **17.0461, 20.7188, 17.5406**, and if you desaturate by 10%, it is **22.1970, 23.2026, 25.5357**.

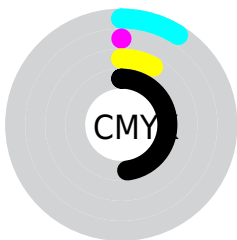
Distribution



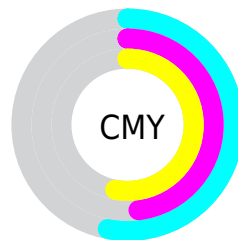
- Red (47%)
- Green (52%)
- Blue (47%)



- Red (47%)
- Yellow (51%)
- Blue (52%)



- Cyan (9%)
- Magenta (0%)
- Yellow (8%)
- Black (48%)



- Cyan (53%)
- Magenta (48%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4482, 21.8761, 21.2866 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 19.4482, 21.8761, 21.2866 by changing the saturation by 10% instead.

■ 19.4482, 21.8761,
21.2866

■ 19.4482, 21.8761,
21.2866

241.8029,
261.8986, 271.6286

■ 12.1005, 13.7659,
13.1404

■ 42.0011, 46.5411,
46.4510

■ 6.8848, 7.9580,
7.3934

■ 57.9371, 63.8647,
64.3063

■ 3.4359, 4.0681,
3.6272

■ 77.4665, 85.0283,
86.2349

■ 1.3882, 1.7117,
1.4231

100.9547,
110.4161, 112.6556

■ 0.2478, 0.4312,
0.1597

128.7671,
140.4127, 143.9867

■ 0.0000, 0.0000,
0.0000

161.2691,

175.4023, 180.6469

198.8259,
215.7695, 223.0547

■ 19.4482, 21.8761,
21.2866

■ 19.4482, 21.8761,
21.2866

■ 17.0461, 20.7188,
17.5406

■ 22.1970, 23.2026,
25.5357

■ 14.9753, 19.7213,
14.2777

■ 25.3037, 24.7018,
30.3041

■ 13.2216, 18.8774,
11.4787

■ 28.7811, 26.3807,
35.6089

■ 11.7695, 18.1795,
9.1225

■ 32.6409, 28.2448,
41.4663

■ 10.6018, 17.6192,
7.1864

■ 36.8943, 30.2997,
47.8914

■ 9.6999, 17.1874,
5.6458

■ 41.5520, 32.5506,
54.8990

■ 9.0427, 16.8739,
4.4733

■ 46.6242, 35.0023,
62.5034

■ 8.6060, 16.6667,
3.6383

■ 52.1210, 37.6599,
70.7182

■ 8.3336, 16.5379,
3.1038

■ 58.0518, 40.5279,
79.5566

Harmonies

Analogous

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



20.0697, 21.8761, 19.8222



19.4482, 21.8761, 21.2866



19.1866, 21.8761, 23.5127

Triad

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



19.4482, 21.8761, 21.2866



20.6852, 21.8761, 28.8614



22.3100, 21.8761, 21.7854

Complementary

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



19.4482, 21.8761, 21.2866



20.3298, 19.9777, 24.2585

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.



22.4857, 21.8761, 24.1287



19.4482, 21.8761, 21.2866



21.5326, 21.8761, 28.3207

Square

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



19.4482, 21.8761, 21.2866



19.8883, 21.8761, 27.9765



22.1975, 21.8761, 26.5454



21.7238, 21.8761, 20.0959

Rectangle

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



19.4482, 21.8761, 21.2866



19.2461, 21.8761, 25.1701



22.1975, 21.8761, 26.5454



22.4197, 21.8761, 22.5178

Sweetspot

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



19.4488, 21.8770, 21.2871



37.0996, 39.9052, 41.8964



21.0335, 22.7010, 21.0428



8.5533, 9.2501, 9.6241



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



19.4488, 21.8770, 21.2871



33.2954, 38.0706, 36.0007



19.8154, 22.0237, 23.2178



4.6309, 5.2106, 5.0675



8.0487, 16.0024, 2.9762



0.0288, 0.0558, 0.0154

Inverse Universe

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



20.3298, 19.9777, 24.2585



35.1875, 33.9912, 42.3825



19.9474, 19.8248, 22.2450



4.8416, 4.7563, 5.7782



12.5563, 6.0869, 18.0336



0.0447, 0.0216, 0.0689

Previews

White Background



This preview shows how the XYZ color 19.4482, 21.8761, 21.2866 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 19.4482, 21.8761, 21.2866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

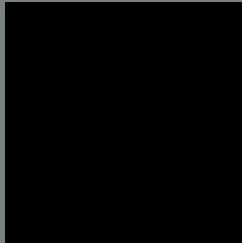
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.4482, 21.8761, 21.2866

Background



This preview shows how black text looks on a background with the XYZ color 19.4482, 21.8761, 21.2866.



This preview shows how white text looks on a background with the XYZ color 19.4482, 21.8761,

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

19.4482, 21.8761, 21.2866

Protanopia

20.7218, 21.7568, 20.5601

Deuteranopia

22.1105, 21.6850, 21.7592



Tritanopia

20.7523, 21.8049, 27.9260

Trichromacy



Original Color

19.4482, 21.8761, 21.2866

Protanomaly

20.1425, 21.6458, 20.8857

Deuteranomaly

21.0939, 21.7348, 21.4958

Tritanomaly

20.2423, 21.7963, 25.3305

Monochromacy



Original Color

19.4482, 21.8761, 21.2866

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.8641, 21.4663, 22.4985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4482, 21.8761, 21.2866 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(120, 132, 121)` looks like.

```
.text, #text, p{  
    color:rgb(120, 132, 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(120, 132, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 132, 121) }
```

Border

The CSS property to change the border of an element to XYZ 19.4482, 21.8761, 21.2866 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(120, 132, 121) }
```


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

```
.border{ border-color:rgb(120, 132, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 132, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 132, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 132, 121);  
box-shadow:4px 4px 4px 4px rgb(120, 132,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4482, 21.8761, 21.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 132, 121) }
```

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

```
.background{ background-color: rgb(120,  
132, 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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