

Converting Colors

XYZ(18.8730, 19.5135, 24.4945)

Have a look what the booklet for
XYZ(18.8730, 19.5135, 24.4945)
contains.

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Color

**XYZ(19.0095, 19.6500,
24.6207)**

Conversions

Conversions Part 1

Format	Color
Hex	797A84
RGB	121, 122, 132
RGB Percent	47%, 48%, 52%
CMY	0.5255, 0.5216, 0.4823
CMYK	0.08, 0.08, 0.00, 0.48
HSL	235°, 4%, 50%
HSV	235°, 8%, 52%
XYZ	19.0095, 19.6500, 24.6207
YIQ	122.8410, -3.8060, 2.8980

Conversions

Conversions Part 2

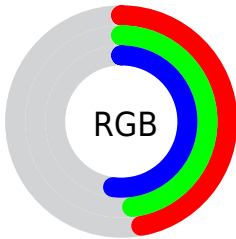
Format	Color
R_{YB}	121, 122, 132
Decimal	7961220
CIE Lab	51.44, 1.72, -5.57
CIE LCh	51, 5.830, 287.122
Yxy	19.6500, 0.3004, 0.3105
Android (android.graphics.Color)	4286151300 (0xFF797A84)
YUV	122.8410, 4.5154, -1.6146
Hunter-Lab	44.3283, -1.0277, -1.9008

Details

The XYZ color **19.0095, 19.6500, 24.6207** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.0831, 22.5181, 21.3245**, and the grayscale version is **18.7613, 19.7384, 21.4951**.

A 20% lighter version of the original color is **41.1266, 42.6591, 51.9654**, and **6.6164, 6.7673, 9.1411** is the 20% darker color. If you saturate the color by 10%, you get **15.9016, 15.9949, 24.0793**, and if you desaturate by 10%, it is **22.5535, 23.8010, 25.2354**.

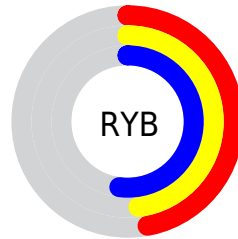
Distribution



Red (47%)

Green (48%)

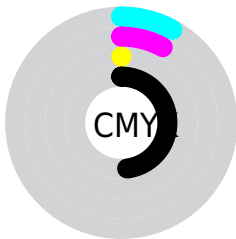
Blue (52%)



Red (47%)

Yellow (48%)

Blue (52%)

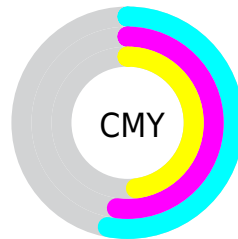


Cyan (8%)

Magenta (8%)

Yellow (0%)

Black (48%)



Cyan (53%)

Magenta (52%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0095, 19.6500, 24.6207 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 19.0095, 19.6500, 24.6207 by changing the saturation by 10% instead.

■ 19.0095, 19.6500,
24.6207

■ 19.0095, 19.6500,
24.6207

239.4383,
250.0140, 289.3307

■ 11.7812, 12.1409,
15.5782

■ 41.2669, 42.8296,
51.9977

■ 6.6660, 6.8397,
9.0751

■ 57.0267, 59.2689,
71.1693

■ 3.2986, 3.3621,
4.6927

■ 76.3610, 79.4537,
94.5544

■ 1.3136, 1.3235,
2.0126

99.6353, 103.7683,
122.5715

■ 0.1933, 0.1593,
0.5630

127.2148,
132.5973, 155.6391

■ 0.0000, 0.0000,
0.0000

159.4649,

166.3250, 194.1758

196.7509,
205.3358, 238.6001

■ 19.0095, 19.6500,
24.6207

■ 19.0095, 19.6500,
24.6207

■ 15.9016, 15.9949,
24.0793

■ 22.5535, 23.8010,
25.2354

■ 13.2114, 12.8147,
23.6073

■ 26.5479, 28.4629,
25.9247

■ 10.9215, 10.0907,
23.2022

■ 31.0082, 33.6531,
26.6915

■ 9.0127, 7.8019,
22.8610

■ 35.9490, 39.3875,
27.5379

■ 7.4642, 5.9256,
22.5804

■ 41.3839, 45.6813,
28.4663

6.2532, 4.4372,
22.3570

47.3261, 52.5492,
29.4787

5.3543, 3.3093,
22.1866

53.7885, 60.0051,
30.5773

4.7385, 2.5110,
22.0650

60.7831, 68.0628,
31.7639

4.3499, 1.9951,
21.9859

68.3220, 76.7353,
33.0405

Harmonies

Analogous

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



18.4274, 19.6500, 24.6885



19.0095, 19.6500, 24.6207



19.5123, 19.6500, 23.6608

Triad

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



19.0095, 19.6500, 24.6207



19.4518, 19.6500, 19.1229



17.6026, 19.6500, 20.6862

Complementary

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



19.0095, 19.6500, 24.6207



21.0831, 22.5181, 21.3245

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.



17.8654, 19.6500, 19.2796



19.0095, 19.6500, 24.6207



18.9283, 19.6500, 18.4092

Square

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



19.0095, 19.6500, 24.6207



19.7713, 19.6500, 20.4620



18.3479, 19.6500, 18.4650



17.6233, 19.6500, 22.3570

Rectangle

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



19.0095, 19.6500, 24.6207



19.7313, 19.6500, 22.6712



18.3479, 19.6500, 18.4650



17.6605, 19.6500, 20.1686

Sweetspot

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



19.0101, 19.6508, 24.6211



36.6757, 38.3540, 43.9232



20.2266, 22.2037, 24.6572



8.4312, 8.8035, 10.2076



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.



19.0101, 19.6508, 24.6211



32.3932, 33.3318, 43.1795



19.5184, 19.7310, 24.6098



4.4661, 4.6079, 5.8548



4.1624, 1.8725, 21.2787



0.0165, 0.0106, 0.0744

Inverse Universe

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



19.8663, 19.9857, 21.2240



34.2223, 34.0522, 35.9216



20.5447, 22.4415, 21.3381



4.6885, 4.6951, 4.9722



9.2791, 4.7760, 0.7760



0.0332, 0.0170, 0.0082

Previews

White Background



This preview shows how the XYZ color 19.0095, 19.6500, 24.6207 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 19.0095, 19.6500, 24.6207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

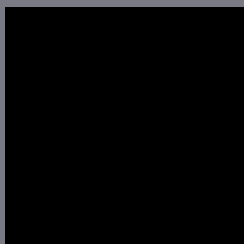
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

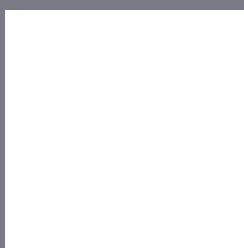
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.0095, 19.6500, 24.6207

Background



This preview shows how black text looks on a background with the XYZ color 19.0095, 19.6500, 24.6207.



This preview shows how white text looks on a background with the XYZ color 19.0095, 19.6500,

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

19.0095, 19.6500, 24.6207

Protanopia

19.1504, 19.7226, 24.6273

Deuteranopia

20.0364, 19.6329, 24.9238



Tritanopia

19.0095, 19.6500, 24.6207

Trichromacy



Original Color

19.0095, 19.6500, 24.6207

Protanomaly

19.1504, 19.7226, 24.6273

Deuteranomaly

19.7025, 19.6384, 24.9425

Tritanomaly

19.0095, 19.6500, 24.6207

Monochromacy



Original Color

19.0095, 19.6500, 24.6207

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.8749, 19.8099, 22.5675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0095, 19.6500, 24.6207 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(121, 122, 132) looks like.

```
.text, #text, p{  
    color:rgb(121, 122, 132)  
}
```

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(121, 122, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 122, 132) }
```

Border

The CSS property to change the border of an element to XYZ 19.0095, 19.6500, 24.6207 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(121, 122, 132) }
```


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

```
.border{ border-color:rgb(121, 122, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 122, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 122, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 122, 132);  
box-shadow:4px 4px 4px 4px rgb(121, 122,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0095, 19.6500, 24.6207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 122, 132) }
```

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

```
.background{ background-color: rgb(121,  
122, 132) }
```

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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