

Converting Colors

XYZ(19.3753, 20.5284, 24.4198)

Have a look what the booklet for
XYZ(19.3753, 20.5284, 24.4198)
contains.

XYZ(19.4427, 20.6254, 24.4291)	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(19.4427, 20.6254,
24.4291)**

Conversions

Conversions Part 1

Format	Color
Hex	797E83
RGB	121, 126, 131
RGB Percent	47%, 49%, 51%
CMY	0.5255, 0.5059, 0.4863
CMYK	0.08, 0.04, 0.00, 0.49
HSL	210°, 4%, 49%
HSV	210°, 8%, 51%
XYZ	19.4427, 20.6254, 24.4291
YIQ	125.0750, -4.5850, 0.4950

Conversions

Conversions Part 2

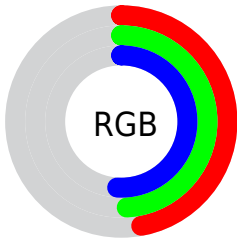
Format	Color
R_{YB}	121, 124, 131
Decimal	7962243
CIE Lab	52.54, -0.81, -3.36
CIE LCh	53, 3.458, 256.426
Yxy	20.6254, 0.3015, 0.3198
Android (android.graphics.Color)	4286152323 (0xFF797E83)
YUV	125.0750, 2.9210, -3.5738
Hunter-Lab	45.4152, -3.0590, -0.1018

Details

The XYZ color **19.4427, 20.6254, 24.4291** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.2720, 21.1270, 21.0988**, and the grayscale version is **19.5103, 20.5264, 22.3532**.

A 20% lighter version of the original color is **42.0054, 44.5851, 51.7393**, and **6.8494, 7.2947, 9.0297** is the 20% darker color. If you saturate the color by 10%, you get **16.9204, 18.1233, 24.0794**, and if you desaturate by 10%, it is **22.2704, 23.3674, 24.8096**.

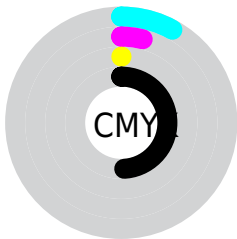
Distribution



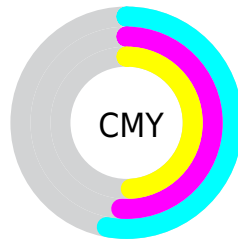
- Red (47%)
- Green (49%)
- Blue (51%)



- Red (47%)
- Yellow (49%)
- Blue (51%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (49%)



- Cyan (53%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4427, 20.6254, 24.4291 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 19.4427, 20.6254, 24.4291 by changing the saturation by 10% instead.

■ 19.4427, 20.6254,
24.4291

■ 19.4427, 20.6254,
24.4291

241.7734,
255.2809, 288.3389

■ 12.0965, 12.8505,
15.4371

■ 41.9919, 44.4633,
51.6821

■ 6.8821, 7.3257,
8.9767

■ 57.9257, 61.2950,
70.7802

■ 3.4341, 3.6666,
4.6294

■ 77.4527, 81.9144,
94.0840

■ 1.3873, 1.4889,
1.9766

100.9382,
106.7059, 122.0122

■ 0.2471, 0.2809,
0.5408

128.7477,
136.0539, 154.9832

■ 0.0000, 0.0000,
0.0000

161.2465,

170.3428, 193.4157

198.8000,
209.9571, 237.7280

■ 19.4427, 20.6254,
24.4291

■ 19.4427, 20.6254,
24.4291

■ 16.9204, 18.1233,
24.0794

■ 22.2704, 23.3674,
24.8096

■ 14.6905, 15.8512,
23.7584

■ 25.4120, 26.3535,
25.2204

■ 12.7421, 13.8024,
23.4656

■ 28.8781, 29.5911,
25.6627

■ 11.0625, 11.9687,
23.2002

■ 32.6781, 33.0867,
26.1371

■ 9.6381, 10.3415,
22.9612

■ 36.8211, 36.8461,
26.6444

■ 8.4540, 8.9113,
22.7475

■ 41.3158, 40.8754,
27.1852

■ 7.4937, 7.6678,
22.5581

■ 46.1706, 45.1800,
27.7602

■ 6.7382, 6.5992,
22.3917

■ 51.3936, 49.7656,
28.3700

■ 6.1478, 5.6832,
22.2460

■ 56.9926, 54.6374,
29.0153

Harmonies

Analogous

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



19.1331, 20.6254, 23.9164



19.4427, 20.6254, 24.4291



19.7991, 20.6254, 24.4022

Triad

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



19.4427, 20.6254, 24.4291



20.2716, 20.6254, 21.9046



19.1093, 20.6254, 21.1258

Complementary

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



19.4427, 20.6254, 24.4291



20.2720, 21.1270, 21.0988

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.



19.4098, 20.6254, 20.6190



19.4427, 20.6254, 24.4291



20.0822, 20.6254, 21.0592

Square

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



19.4427, 20.6254, 24.4291



20.2807, 20.6254, 22.9235



19.7658, 20.6254, 20.5950



18.9422, 20.6254, 21.9980

Rectangle

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



19.4427, 20.6254, 24.4291



20.0154, 20.6254, 24.0816



19.7658, 20.6254, 20.5950



19.1979, 20.6254, 20.9082

Sweetspot

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



19.4433, 20.6263, 24.4296



37.5789, 39.6262, 44.1212



19.7568, 21.7999, 22.8490



8.7658, 9.2419, 10.2746



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.



19.4433, 20.6263, 24.4296



34.0717, 36.2034, 43.6453



18.8397, 19.4191, 24.2284



4.6126, 4.9009, 5.9036



5.9264, 5.4006, 21.8668



0.0278, 0.0333, 0.0782

Inverse Universe

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



19.9637, 20.0067, 22.5493



35.1880, 34.8920, 39.6086



20.9055, 22.3940, 21.3099



4.7625, 4.7247, 5.3616



10.1695, 5.1321, 5.4648



0.0389, 0.0193, 0.0383

Previews

White Background



This preview shows how the XYZ color 19.4427, 20.6254, 24.4291 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 19.4427, 20.6254, 24.4291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

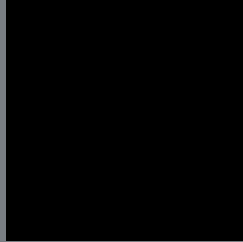
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

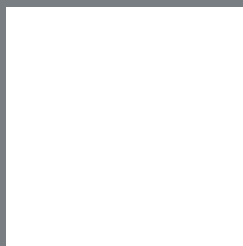
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4427, 20.6254, 24.4291

Background



This preview shows how black text looks on a background with the XYZ color 19.4427, 20.6254, 24.4291.



This preview shows how white text looks on a background with the XYZ color 19.4427, 20.6254,

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

19.4427, 20.6254, 24.4291

Protanopia

19.9671, 20.7146, 24.0650

Deuteranopia

20.9559, 20.6533, 24.7118



Tritanopia

19.7328, 20.5541, 25.8490

Trichromacy



Original Color

19.4427, 20.6254, 24.4291

Protanomaly

19.6751, 20.5640, 24.0514

Deuteranomaly

20.3011, 20.4990, 24.7165

Tritanomaly

19.6627, 20.5260, 25.4798

Monochromacy



Original Color

19.4427, 20.6254, 24.4291

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.4766, 20.4846, 23.0061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4427, 20.6254, 24.4291 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, 126, 131) looks like.

```
.text, #text, p{  
    color:rgb(121, 126, 131)  
}
```

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, 126, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 126, 131) }
```

Border

The CSS property to change the border of an element to XYZ 19.4427, 20.6254, 24.4291 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, 126, 131) }
```


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

```
.border{ border-color:rgb(121, 126, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 126, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 126, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 126, 131);  
box-shadow:4px 4px 4px 4px rgb(121, 126,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4427, 20.6254, 24.4291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 126, 131) }
```

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

```
.background{ background-color: rgb(121,  
126, 131) }
```

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