

Converting Colors

XYZ(20.0225, 20.7703, 24.0240)

Have a look what the booklet for
XYZ(20.0225, 20.7703, 24.0240)
contains.

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Color

**XYZ(19.9671, 20.7146,
24.0650)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7D82
RGB	126, 125, 130
RGB Percent	49%, 49%, 51%
CMY	0.5059, 0.5098, 0.4902
CMYK	0.03, 0.04, 0.00, 0.49
HSL	252°, 2%, 50%
HSV	252°, 4%, 51%
XYZ	19.9671, 20.7146, 24.0650
YIQ	125.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

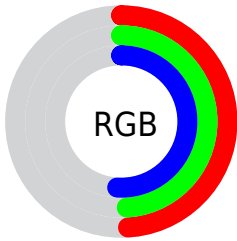
Format	Color
R_{YB}	126, 125, 130
Decimal	8289666
CIE Lab	52.64, 1.39, -2.58
CIE LCh	53, 2.934, 298.244
Yxy	20.7146, 0.3084, 0.3199
Android (android.graphics.Color)	4286479746 (0xFF7E7D82)
YUV	125.8690, 2.0366, 0.1149
Hunter-Lab	45.5133, -1.3387, 0.5099

Details

The XYZ color **19.9671, 20.7146, 24.0650** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.7383, 22.1136, 22.5784**, and the grayscale version is **19.7808, 20.8109, 22.6631**.

A 20% lighter version of the original color is **43.0580, 44.8434, 51.1860**, and **7.1302, 7.3407, 8.8257** is the 20% darker color. If you saturate the color by 10%, you get **16.9728, 16.8862, 23.4842**, and if you desaturate by 10%, it is **23.3376, 25.0579, 24.7260**.

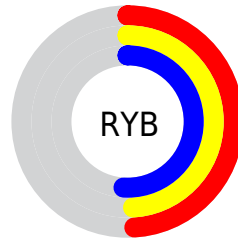
Distribution



Red (49%)

Green (49%)

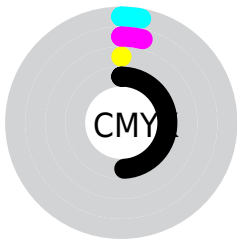
Blue (51%)



Red (49%)

Yellow (49%)

Blue (51%)

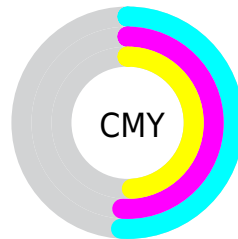


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (49%)



Cyan (51%)

Magenta (51%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9671, 20.7146, 24.0650 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 19.9671, 20.7146, 24.0650 by changing the saturation by 10% instead.

■ 19.9671, 20.7146,
24.0650

■ 19.9671, 20.7146,
24.0650

244.5739,
255.7578, 286.4461

■ 12.4793, 12.9155,
15.1692

■ 42.8664, 44.6121,
51.0814

■ 7.1455, 7.3704,
8.7903

■ 59.0085, 61.4793,
70.0391

■ 3.6004, 3.6948,
4.5097

■ 78.7662, 82.1380,
93.1878

■ 1.4786, 1.5044,
1.9089

102.5046,
106.9726, 120.9462

■ 0.3112, 0.2918,
0.4984

130.5893,
136.3675, 153.7326

■ 0.0000, 0.0000,
0.0000

163.3855,

170.7070, 191.9657

201.2586,
210.3757, 236.0640

■ 19.9671, 20.7146,
24.0650

■ 19.9671, 20.7146,
24.0650

■ 16.9728, 16.8862,
23.4842

■ 23.3376, 25.0579,
24.7260

■ 14.3398, 13.5509,
22.9792

■ 27.0950, 29.9315,
25.4687

■ 12.0547, 10.6894,
22.5473

■ 31.2518, 35.3535,
26.2961

■ 10.1027, 8.2798,
22.1851

■ 35.8194, 41.3404,
27.2110

■ 8.4678, 6.2988,
21.8889

■ 40.8088, 47.9079,
28.2157

7.1328, 4.7208,
21.6546

46.2305, 55.0710,
29.3125

6.0786, 3.5175,
21.4779

52.0945, 62.8444,
30.5039

5.2840, 2.6567,
21.3537

58.4108, 71.2422,
31.7919

4.7232, 2.0984,
21.2755

65.1889, 80.2778,
33.1787

Harmonies

Analogous

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



19.6707, 20.7146, 24.2733



19.9671, 20.7146, 24.0650



20.1909, 20.7146, 23.4491

Triad

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



19.9671, 20.7146, 24.0650



19.9985, 20.7146, 21.1581



19.1089, 20.7146, 22.5033

Complementary

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



19.9671, 20.7146, 24.0650



20.7383, 22.1136, 22.5784

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.



19.1947, 20.7146, 21.6833



19.9671, 20.7146, 24.0650



19.7066, 20.7146, 20.9191

Square

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



19.9671, 20.7146, 24.0650



20.2091, 20.7146, 21.7701



19.4127, 20.7146, 21.1089



19.1771, 20.7146, 23.3579

Rectangle

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



19.9671, 20.7146, 24.0650



20.2677, 20.7146, 22.8982



19.4127, 20.7146, 21.1089



19.1207, 20.7146, 22.2146

Sweetspot

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



19.9677, 20.7155, 24.0655



36.7710, 38.5460, 42.6946



20.3486, 21.6948, 24.2344



8.3325, 8.7370, 9.6656



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



19.9677, 20.7155, 24.0655



34.4589, 35.5760, 42.2432



20.3285, 20.9015, 24.0823



4.4356, 4.5734, 5.4623



4.2757, 1.7579, 20.3639



0.0000, 0.0000, 0.0000

Inverse Universe

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



20.5027, 20.9990, 23.7425



35.7032, 36.2355, 41.4876



20.3754, 21.9265, 22.5615



4.6069, 4.6642, 5.3581



11.2274, 5.5106, 13.0530



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.9671, 20.7146, 24.0650 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 19.9671, 20.7146, 24.0650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

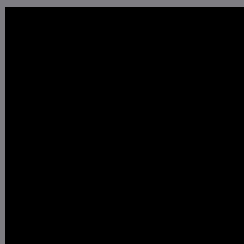
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

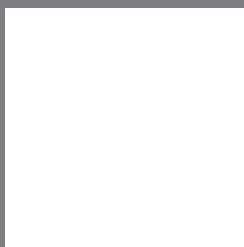
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.9671, 20.7146, 24.0650

Background



This preview shows how black text looks on a background with the XYZ color 19.9671, 20.7146, 24.0650.



This preview shows how white text looks on a background with the XYZ color 19.9671, 20.7146,

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

19.9671, 20.7146, 24.0650

Protanopia

19.9671, 20.7146, 24.0650

Deuteranopia

21.0479, 20.7087, 24.3606



Tritanopia

20.2631, 20.6486, 25.4718

Trichromacy



Original Color

19.9671, 20.7146, 24.0650

Protanomaly

19.9671, 20.7146, 24.0650

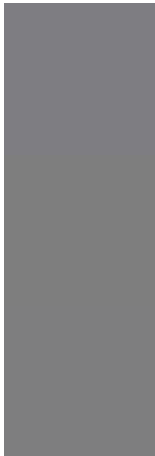
Deuteranomaly

20.6954, 20.7101, 24.3794

Tritanomaly

20.1937, 20.6208, 25.1062

Monochromacy



Original Color

19.9671, 20.7146, 24.0650

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.8958, 20.8896, 23.0622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9671, 20.7146, 24.0650 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(126, 125, 130)` looks like.

```
.text, #text, p{  
    color:rgb(126, 125, 130)  
}
```

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(126, 125, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 125, 130) }
```

Border

The CSS property to change the border of an element to XYZ 19.9671, 20.7146, 24.0650 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(126, 125, 130) }
```


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

```
.border{ border-color:rgb(126, 125, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 125, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 125, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 125, 130);  
box-shadow:4px 4px 4px 4px rgb(126, 125,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9671, 20.7146, 24.0650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 125, 130) }
```

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

```
.background{ background-color: rgb(126,  
125, 130) }
```

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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