

Converting Colors

XYZ(19.7465, 20.3301, 24.0203)

Have a look what the booklet for
XYZ(19.7465, 20.3301, 24.0203)
contains.

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Color

**XYZ(19.8411, 20.4626,
24.0230)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7C82
RGB	126, 124, 130
RGB Percent	49%, 49%, 51%
CMY	0.5059, 0.5137, 0.4902
CMYK	0.03, 0.05, 0.00, 0.49
HSL	260°, 2%, 50%
HSV	260°, 5%, 51%
XYZ	19.8411, 20.4626, 24.0230
YIQ	125.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

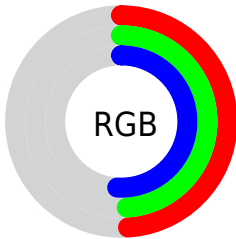
Format	Color
R_{YB}	126, 124, 130
Decimal	8289410
CIE _{Lab}	52.36, 1.97, -3.00
CIE _{LCh}	52, 3.584, 303.279
Yxy	20.4626, 0.3084, 0.3181
Android (android.graphics.Color)	4286479490 (0xFF7E7C82)
YUV	125.2820, 2.3260, 0.6297
Hunter-Lab	45.2356, -0.8692, 0.1781

Details

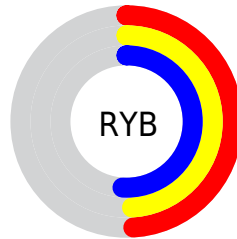
The XYZ color **19.8411, 20.4626, 24.0230** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.5235, 22.0102, 22.2364**, and the grayscale version is **19.5811, 20.6008, 22.4343**.

A 20% lighter version of the original color is **42.6630, 44.0533, 51.0543**, and **7.0618, 7.2040, 8.8029** is the 20% darker color. If you saturate the color by 10%, you get **17.0949, 16.7862, 23.4584**, and if you desaturate by 10%, it is **22.9141, 24.6275, 24.6653**.

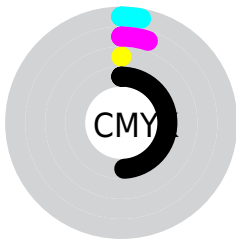
Distribution



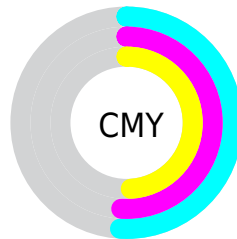
- Red (49%)
- Green (49%)
- Blue (51%)



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



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8411, 20.4626, 24.0230 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 19.8411, 20.4626, 24.0230 by changing the saturation by 10% instead.

■ 19.8411, 20.4626,
24.0230

■ 19.8411, 20.4626,
24.0230

243.9036,
254.4085, 286.2270

■ 12.3872, 12.7318,
15.1383

■ 42.6566, 44.1914,
51.0120

■ 7.0820, 7.2441,
8.7688

■ 58.7489, 60.9582,
69.9535

■ 3.5602, 3.6152,
4.4960

■ 78.4513, 81.5057,
93.0842

■ 1.4565, 1.4607,
1.9012

102.1293,
106.2184, 120.8229

■ 0.2959, 0.2609,
0.4935

130.1482,
135.4806, 153.5880

■ 0.0000, 0.0000,
0.0000

162.8733,

169.6768, 191.7980

200.6700,
209.1913, 235.8715

■ 19.8411, 20.4626,
24.0230

■ 19.8411, 20.4626,
24.0230

■ 17.0949, 16.7862,
23.4584

■ 22.9141, 24.6275,
24.6653

■ 14.6625, 13.5775,
22.9673

■ 26.3227, 29.2954,
25.3866

■ 12.5329, 10.8181,
22.5469

■ 30.0775, 34.4835,
26.1901

■ 10.6933, 8.4875,
22.1940

■ 34.1883, 40.2073,
27.0782

■ 9.1304, 6.5633,
21.9050

■ 38.6643, 46.4818,
28.0534

7.8294, 5.0212,
21.6759

43.5143, 53.3212,
29.1179

6.7743, 3.8343,
21.5024

48.7471, 60.7395,
30.2740

5.9469, 2.9717,
21.3795

54.3709, 68.7498,
31.5238

5.3233, 2.3916,
21.3004

60.3938, 77.3651,
32.8692

Harmonies

Analogous

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



19.4897, 20.4626, 24.3716



19.8411, 20.4626, 24.0230



20.0899, 20.4626, 23.2067

Triad

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



19.8411, 20.4626, 24.0230



19.7699, 20.4626, 20.5138



18.7491, 20.4626, 22.3967

Complementary

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



19.8411, 20.4626, 24.0230



20.5235, 22.0102, 22.2364

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.



18.8221, 20.4626, 21.3788



19.8411, 20.4626, 24.0230



19.4085, 20.4626, 20.3121

Square

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



19.8411, 20.4626, 24.0230



20.0484, 20.4626, 21.1836



19.0623, 20.4626, 20.6240



18.8618, 20.4626, 23.4142

Rectangle

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



19.8411, 20.4626, 24.0230



20.1624, 20.4626, 22.5190



19.0623, 20.4626, 20.6240



18.7528, 20.4626, 22.0433

Sweetspot

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



19.8417, 20.4635, 24.0234



36.8184, 38.5705, 42.6968



20.0743, 21.3619, 24.1846



8.3425, 8.7422, 9.6661



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.



19.8417, 20.4635, 24.0234



34.1695, 34.9971, 42.1467



20.2756, 20.6872, 24.0438



4.4077, 4.5098, 5.4514



4.8379, 2.0477, 20.3902



0.0000, 0.0000, 0.0000

Inverse Universe

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



20.3105, 20.7205, 23.3520



35.2594, 35.5948, 40.5788



20.0934, 21.7885, 22.2163



4.5537, 4.5899, 5.2413



10.4677, 5.2068, 9.0525



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.8411, 20.4626, 24.0230 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 19.8411, 20.4626, 24.0230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

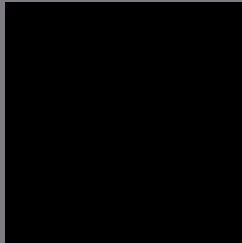
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

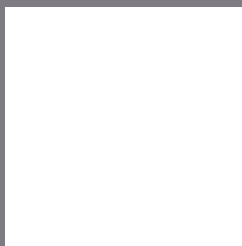
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.8411, 20.4626, 24.0230

Background



This preview shows how black text looks on a background with the XYZ color 19.8411, 20.4626, 24.0230.



This preview shows how white text looks on a background with the XYZ color 19.8411, 20.4626,

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

19.8411, 20.4626, 24.0230

Protanopia

19.8411, 20.4626, 24.0230

Deuteranopia

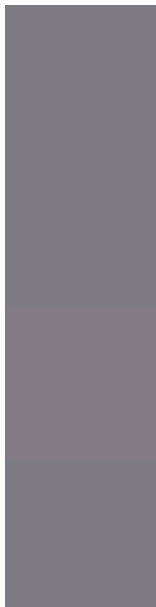
20.7656, 20.3818, 24.3123



Tritanopia

20.0690, 20.3714, 25.0646

Trichromacy



Original Color

19.8411, 20.4626, 24.0230

Protanomaly

19.8411, 20.4626, 24.0230

Deuteranomaly

20.4163, 20.3831, 24.3310

Tritanomaly

20.0002, 20.3439, 24.7024

Monochromacy



Original Color

19.8411, 20.4626, 24.0230

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.6218, 20.5595, 23.0129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8411, 20.4626, 24.0230 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, 124, 130)` looks like.

```
.text, #text, p{  
    color:rgb(126, 124, 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, 124, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 124, 130) }
```

Border

The CSS property to change the border of an element to XYZ 19.8411, 20.4626, 24.0230 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, 124, 130) }
```


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

```
.border{ border-color:rgb(126, 124, 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, 124, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 124, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 124, 130);  
box-shadow:4px 4px 4px 4px rgb(126, 124,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8411, 20.4626, 24.0230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 124, 130) }
```

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

```
.background{ background-color: rgb(126,  
124, 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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