

Converting Colors

XYZ(20.4291, 21.5249, 24.5674)

Have a look what the booklet for
XYZ(20.4291, 21.5249, 24.5674)
contains.

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Color

**XYZ(20.4201, 21.5127,
24.5488)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8083
RGB	126, 128, 131
RGB Percent	49%, 50%, 51%
CMY	0.5059, 0.4980, 0.4863
CMYK	0.04, 0.02, 0.00, 0.49
HSL	216°, 2%, 50%
HSV	216°, 4%, 51%
XYZ	20.4201, 21.5127, 24.5488
YIQ	127.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

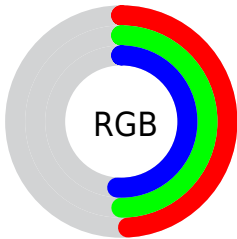
Format	Color
R_{YB}	126, 127, 131
Decimal	8290435
CIE Lab	53.51, -0.13, -1.89
CIE LCh	54, 1.893, 265.993
Yxy	21.5127, 0.3072, 0.3236
Android (android.graphics.Color)	4286480515 (0xFF7E8083)
YUV	127.7440, 1.6052, -1.5295
Hunter-Lab	46.3818, -2.5815, 1.0864

Details

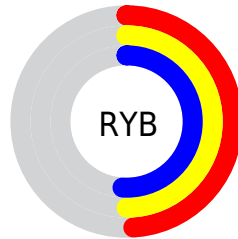
The XYZ color **20.4201, 21.5127, 24.5488** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.9762, 22.0318, 22.8860**, and the grayscale version is **20.4249, 21.4885, 23.4010**.

A 20% lighter version of the original color is **43.7660, 46.0921, 51.9374**, and **7.3795, 7.7789, 9.0952** is the 20% darker color. If you saturate the color by 10%, you get **17.6286, 18.6118, 24.1363**, and if you desaturate by 10%, it is **23.5452, 24.7044, 25.0005**.

Distribution



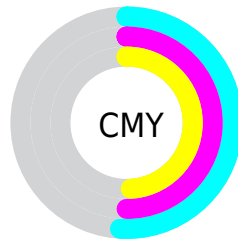
- Red (49%)
- Green (50%)
- Blue (51%)



- Red (49%)
- Yellow (50%)
- Blue (51%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)



- Cyan (51%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4201, 21.5127, 24.5488 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 20.4201, 21.5127, 24.5488 by changing the saturation by 10% instead.

■ 20.4201, 21.5127,
24.5488

■ 20.4201, 21.5127,
24.5488

246.9708,
259.9908, 288.9588

■ 12.8108, 13.4993,
15.5253

■ 43.6190, 45.9393,
51.8793

■ 7.3745, 7.7732,
9.0382

■ 59.9393, 63.1212,
71.0233

■ 3.7458, 3.9502,
4.6689

■ 79.8940, 84.1281,
94.3780

■ 1.5594, 1.6457,
1.9990

103.8485,
109.3443, 122.3617

■ 0.3657, 0.3881,
0.5547

132.1680,
139.1543, 155.3932

■ 0.0000, 0.0000,
0.0000

165.2180,

173.9425, 193.8908

203.3638,
214.0932, 238.2732

■ 20.4201, 21.5127,
24.5488

■ 20.4201, 21.5127,
24.5488

■ 17.6286, 18.6118,
24.1363

■ 23.5452, 24.7044,
25.0005

■ 15.1572, 15.9905,
23.7606

■ 27.0128, 28.1925,
25.4910

■ 12.9943, 13.6405,
23.4210

■ 30.8342, 31.9857,
26.0217

■ 11.1270, 11.5523,
23.1164

■ 35.0192, 36.0915,
26.5937

■ 9.5410, 9.7158,
22.8455

■ 39.5775, 40.5172,
27.2077

■ 8.2212, 8.1199,
22.6070

■ 44.5182, 45.2700,
27.8646

■ 7.1508, 6.7527,
22.3995

■ 49.8502, 50.3564,
28.5654

■ 6.3106, 5.6010,
22.2215

■ 55.5821, 55.7833,
29.3108

■ 5.6772, 4.6490,
22.0711

■ 61.7222, 61.5568,
30.1016

Harmonies

Analogous

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



20.2311, 21.5127, 24.3562



20.4201, 21.5127, 24.5488



20.6176, 21.5127, 24.4359

Triad

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



20.4201, 21.5127, 24.5488



20.7976, 21.5127, 22.9404



20.1275, 21.5127, 22.8082

Complementary

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



20.4201, 21.5127, 24.5488



20.9762, 22.0318, 22.8860

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.



20.2777, 21.5127, 22.4398



20.4201, 21.5127, 24.5488



20.6648, 21.5127, 22.5153

Square

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



20.4201, 21.5127, 24.5488



20.8364, 21.5127, 23.5013



20.4743, 21.5127, 22.3335



20.0629, 21.5127, 23.3462

Rectangle

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



20.4201, 21.5127, 24.5488



20.7273, 21.5127, 24.2035



20.4743, 21.5127, 22.3335



20.1696, 21.5127, 22.6607

Sweetspot

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



20.4207, 21.5136, 24.5493



38.0710, 40.0694, 44.1808



20.6777, 22.2513, 23.9452



8.8727, 9.3381, 10.2875



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.



20.4207, 21.5136, 24.5493



35.8862, 37.8221, 43.8621



20.2237, 21.0281, 24.4659



4.8277, 5.0887, 5.9285



5.2643, 4.0765, 21.6461



0.0251, 0.0278, 0.0773

Inverse Universe

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



20.7177, 21.3059, 23.4437



36.5946, 37.3334, 41.2234



21.1782, 22.5314, 22.9718



4.9302, 5.0183, 5.5466



9.8353, 4.9985, 3.7051



0.0375, 0.0187, 0.0310

Previews

White Background



This preview shows how the XYZ color 20.4201, 21.5127, 24.5488 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 20.4201, 21.5127, 24.5488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

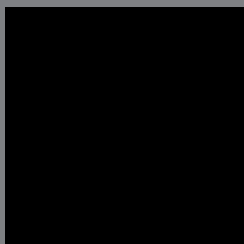
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

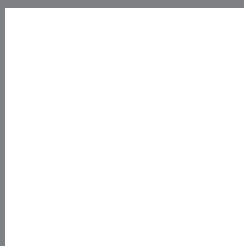
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.4201, 21.5127, 24.5488

Background



This preview shows how black text looks on a background with the XYZ color 20.4201, 21.5127, 24.5488.



This preview shows how white text looks on a background with the XYZ color 20.4201, 21.5127,

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

20.4201, 21.5127, 24.5488

Protanopia

20.6719, 21.4576, 24.1713

Deuteranopia

21.8537, 21.4845, 24.8249



Tritanopia

20.8571, 21.4969, 26.7169

Trichromacy



Original Color

20.4201, 21.5127, 24.5488

Protanomaly

20.5207, 21.3796, 24.1642

Deuteranomaly

21.3300, 21.4015, 24.8365

Tritanomaly

20.7149, 21.4400, 25.9682

Monochromacy



Original Color

20.4201, 21.5127, 24.5488

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.4340, 21.5353, 23.8486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4201, 21.5127, 24.5488 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, 128, 131) looks like.

```
.text, #text, p{  
    color:rgb(126, 128, 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(126, 128, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 128, 131) }
```

Border

The CSS property to change the border of an element to XYZ 20.4201, 21.5127, 24.5488 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, 128, 131) }
```


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

```
.border{ border-color:rgb(126, 128, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 128, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 128, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 128, 131);  
box-shadow:4px 4px 4px 4px rgb(126, 128,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4201, 21.5127, 24.5488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 128, 131) }
```

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

```
.background{ background-color: rgb(126,  
128, 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](#).

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