

Converting Colors

XYZ(19.9388, 20.4708, 24.4364)

Have a look what the booklet for
XYZ(19.9388, 20.4708, 24.4364)
contains.

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Color

**XYZ(19.9086, 20.4896,
24.3783)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7C83
RGB	126, 124, 131
RGB Percent	49%, 49%, 51%
CMY	0.5059, 0.5137, 0.4863
CMYK	0.04, 0.05, 0.00, 0.49
HSL	257°, 3%, 50%
HSV	257°, 5%, 51%
XYZ	19.9086, 20.4896, 24.3783
YIQ	125.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

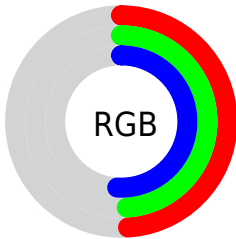
Format	Color
R_{YB}	126, 124, 131
Decimal	8289411
CIE Lab	52.39, 2.17, -3.54
CIE LCh	52, 4.151, 301.563
Yxy	20.4896, 0.3073, 0.3163
Android (android.graphics.Color)	4286479491 (0xFF7E7C83)
YUV	125.3960, 2.7628, 0.5297
Hunter-Lab	45.2654, -0.7068, -0.2456

Details

The XYZ color **19.9086, 20.4896, 24.3783** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.8083, 22.3554, 22.2881**, and the grayscale version is **19.6182, 20.6399, 22.4768**.

A 20% lighter version of the original color is **42.7675, 44.0951, 51.6045**, and **7.0996, 7.2191, 9.0019** is the 20% darker color. If you saturate the color by 10%, you get **17.0588, 16.7436, 23.8058**, and if you desaturate by 10%, it is **23.1069, 24.7402, 25.0305**.

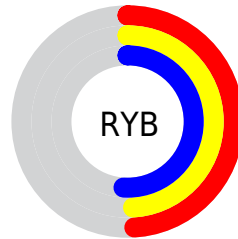
Distribution



Red (49%)

Green (49%)

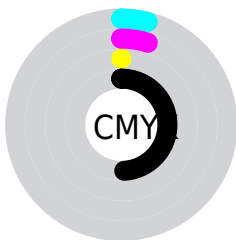
Blue (51%)



Red (49%)

Yellow (49%)

Blue (51%)

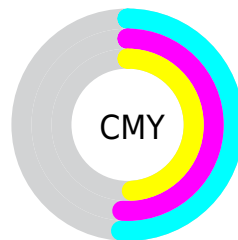


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (49%)



Cyan (51%)

Magenta (51%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9086, 20.4896, 24.3783 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 19.9086, 20.4896, 24.3783 by changing the saturation by 10% instead.

■ 19.9086, 20.4896,
24.3783

■ 19.9086, 20.4896,
24.3783

244.2629,
254.5534, 288.0754

■ 12.4365, 12.7514,
15.3997

■ 42.7690, 44.2365,
51.5984

■ 7.1160, 7.2576,
8.9506

■ 58.8880, 61.0141,
70.6769

■ 3.5817, 3.6237,
4.6126

■ 78.6201, 81.5735,
93.9592

■ 1.4683, 1.4654,
1.9671

102.3305,
106.2993, 121.8637

■ 0.3041, 0.2642,
0.5349

130.3846,
135.5758, 154.8091

■ 0.0000, 0.0000,
0.0000

163.1478,

169.7874, 193.2138

200.9854,
209.3184, 237.4964

■ 19.9086, 20.4896,
24.3783

■ 19.9086, 20.4896,
24.3783

■ 17.0588, 16.7436,
23.8058

■ 23.1069, 24.7402,
25.0305

■ 14.5436, 13.4806,
23.3085

■ 26.6632, 29.5106,
25.7638

■ 12.3508, 10.6815,
22.8838

■ 30.5892, 34.8186,
26.5815

■ 10.4668, 8.3246,
22.5282

■ 34.8953, 40.6805,
27.4860

■ 8.8770, 6.3869,
22.2379

■ 39.5914, 47.1119,
28.4798

7.5654, 4.8428,
22.0090

44.6873, 54.1275,
29.5654

6.5146, 3.6640,
21.8369

50.1922, 61.7418,
30.7450

5.7049, 2.8185,
21.7164

56.1151, 69.9686,
32.0207

5.1085, 2.2586,
21.6397

62.4648, 78.8214,
33.3948

Harmonies

Analogous

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



19.4972, 20.4896, 24.7490



19.9086, 20.4896, 24.3783



20.2072, 20.4896, 23.4507

Triad

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



19.9086, 20.4896, 24.3783



19.8692, 20.4896, 20.3011



18.6638, 20.4896, 22.3740

Complementary

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



19.9086, 20.4896, 24.3783



20.8083, 22.3554, 22.2881

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.



18.7602, 20.4896, 21.2063



19.9086, 20.4896, 24.3783



19.4523, 20.4896, 20.0361

Square

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



19.9086, 20.4896, 24.3783



20.1843, 20.4896, 21.0989



19.0472, 20.4896, 20.3615



18.7821, 20.4896, 23.5660

Rectangle

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



19.9086, 20.4896, 24.3783



20.3000, 20.4896, 22.6572



19.0472, 20.4896, 20.3615



18.6722, 20.4896, 21.9657

Sweetspot

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



19.9092, 20.4905, 24.3787



37.4702, 39.1007, 44.0255



20.2620, 21.6293, 24.5800



8.7422, 9.1278, 10.2538



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.



19.9092, 20.4905, 24.3787



35.2236, 36.1266, 43.5698



20.4319, 20.7599, 24.4032



4.7453, 4.8614, 5.8890



4.8006, 2.0089, 21.2714



0.0231, 0.0103, 0.0740

Inverse Universe

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



20.5308, 20.8264, 23.7075



36.4975, 36.8152, 42.1904



20.2881, 22.0873, 22.2637



4.9246, 4.9583, 5.6947



11.1854, 5.5385, 10.8147



0.0419, 0.0204, 0.0541

Previews

White Background



This preview shows how the XYZ color 19.9086, 20.4896, 24.3783 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 19.9086, 20.4896, 24.3783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

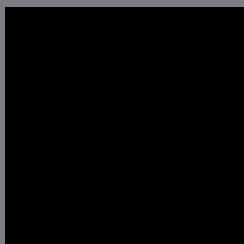
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

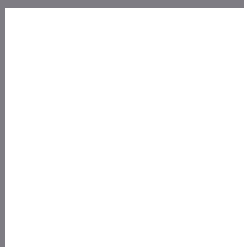
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.9086, 20.4896, 24.3783

Background



This preview shows how black text looks on a background with the XYZ color 19.9086, 20.4896, 24.3783.



This preview shows how white text looks on a background with the XYZ color 19.9086, 20.4896,

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

19.9086, 20.4896, 24.3783

Protanopia

19.7618, 20.4140, 24.3715

Deuteranopia

20.8337, 20.4090, 24.6711



Tritanopia

20.0455, 20.5444, 25.0993

Trichromacy

**Original Color**

19.9086, 20.4896, 24.3783

Protanomaly

19.7618, 20.4140, 24.3715

Deuteranomaly

20.4845, 20.4103, 24.6897

Tritanomaly

19.9767, 20.5169, 24.7371

Monochromacy

**Original Color**

19.9086, 20.4896, 24.3783

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 19.9086, 20.4896, 24.3783 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(126, 124, 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, 124, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 124, 131) }
```

Border

The CSS property to change the border of an element to XYZ 19.9086, 20.4896, 24.3783 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, 131) }
```


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

```
.border{ border-color:rgb(126, 124, 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, 124, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 124, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 124, 131);  
box-shadow:4px 4px 4px 4px rgb(126, 124,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9086, 20.4896, 24.3783 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, 131) }
```

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

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