

Converting Colors

XYZ(20.3163, 20.3189, 21.8798)

Have a look what the booklet for
XYZ(20.3163, 20.3189, 21.8798)
contains.

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Color

**XYZ(20.4291, 20.4426,
21.9379)**

Conversions

Conversions Part 1

Format	Color
Hex	867A7C
RGB	134, 122, 124
RGB Percent	53%, 48%, 49%
CMY	0.4745, 0.5216, 0.5137
CMYK	0.00, 0.09, 0.07, 0.47
HSL	350°, 5%, 50%
HSV	350°, 9%, 53%
XYZ	20.4291, 20.4426, 21.9379
YIQ	125.8160, 6.5100, 3.1660

Conversions

Conversions Part 2

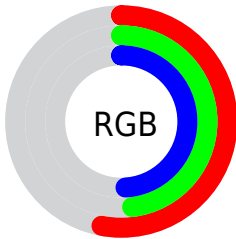
Format	Color
R_{YB}	134, 122, 124
Decimal	8813180
CIE Lab	52.33, 4.96, 0.57
CIE LCh	52, 4.996, 6.533
Yxy	20.4426, 0.3253, 0.3255
Android (android.graphics.Color)	4287003260 (0xFF867A7C)
YUV	125.8160, -0.8953, 7.1774
Hunter-Lab	45.2135, 1.5292, 2.8815

Details

The XYZ color **20.4291, 20.4426, 21.9379** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.7167, 22.8542, 25.1502**, and the grayscale version is **19.7705, 20.8001, 22.6514**.

A 20% lighter version of the original color is **43.4660, 43.9715, 47.2707**, and **7.3087, 7.1579, 7.6530** is the 20% darker color. If you saturate the color by 10%, you get **18.2292, 17.1097, 17.9150**, and if you desaturate by 10%, it is **22.9371, 24.2631, 26.4587**.

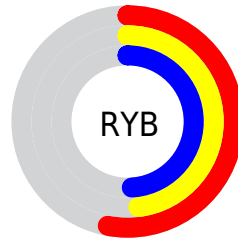
Distribution



Red (53%)

Green (48%)

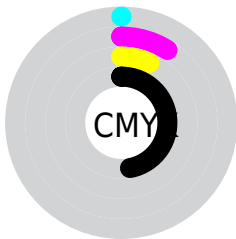
Blue (49%)



Red (53%)

Yellow (48%)

Blue (49%)

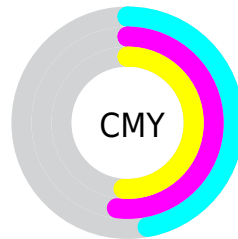


Cyan (0%)

Magenta (9%)

Yellow (7%)

Black (47%)



Cyan (47%)

Magenta (52%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4291, 20.4426, 21.9379 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 20.4291, 20.4426, 21.9379 by changing the saturation by 10% instead.

■ 20.4291, 20.4426,
21.9379

■ 20.4291, 20.4426,
21.9379

247.0182,
254.3012, 275.1647

■ 12.8174, 12.7172,
13.6134

■ 43.6339, 44.1580,
47.5442

■ 7.3791, 7.2341,
7.7166

■ 59.9578, 60.9168,
65.6631

■ 3.7487, 3.6089,
3.8290

■ 79.9164, 81.4554,
87.8839

■ 1.5610, 1.4573,
1.5320

103.8751,
106.1584, 114.6250

■ 0.3668, 0.2584,
0.2416

132.1993,
135.4101, 146.3052

■ 0.0000, 0.0000,
0.0000

165.2543,

169.5948, 183.3428

203.4055,
209.0971, 226.1565

■ 20.4291, 20.4426,
21.9379

■ 20.4291, 20.4426,
21.9379

■ 18.2292, 17.1097,
17.9150

■ 22.9371, 24.2631,
26.4587

■ 16.3237, 14.2421,
14.3717

■ 25.7626, 28.5870,
31.4924

■ 14.7007, 11.8199,
11.2903

■ 28.9170, 33.4324,
37.0548

■ 13.3464, 9.8208,
8.6517

■ 32.4103, 38.8162,
43.1608

■ 12.2461, 8.2203,
6.4353

■ 36.2523, 44.7540,
49.8247

■ 11.3838, 6.9916,
4.6189

■ 40.4524, 51.2612,
57.0602

■ 10.7413, 6.1044,
3.1783

■ 45.0194, 58.3524,
64.8805

■ 10.2979, 5.5238,
2.0865

■ 49.9621, 66.0417,
73.2985

■ 10.0064, 5.1626,
1.3053

■ 55.2888, 74.3426,
82.3264

Harmonies

Analogous

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



20.3513, 20.4426, 23.4054



20.4291, 20.4426, 21.9379



20.2355, 20.4426, 20.6150

Triad

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



20.4291, 20.4426, 21.9379



18.8474, 20.4426, 20.0597



19.0390, 20.4426, 24.9585

Complementary

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



20.4291, 20.4426, 21.9379



20.7167, 22.8542, 25.1502

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.



18.6463, 20.4426, 23.9872



20.4291, 20.4426, 21.9379



18.5371, 20.4426, 21.1497

Square

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



20.4291, 20.4426, 21.9379



19.3178, 20.4426, 19.5619



18.4642, 20.4426, 22.5822



19.5428, 20.4426, 25.1922

Rectangle

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



20.4291, 20.4426, 21.9379



19.9805, 20.4426, 19.9788



18.4642, 20.4426, 22.5822



18.8899, 20.4426, 24.7054

Sweetspot

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



20.4297, 20.4435, 21.9383



38.5289, 39.8753, 43.2338



20.7789, 20.5467, 25.4252



8.6063, 8.8710, 9.6071



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.



20.4297, 20.4435, 21.9383



35.0604, 34.6004, 36.9542



20.8058, 21.3959, 21.4466



4.7019, 4.7004, 5.0425



9.3551, 4.8064, 1.1764



0.0342, 0.0174, 0.0137

Inverse Universe

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



20.4297, 20.4435, 21.9383



35.0604, 34.6004, 36.9542



20.3124, 21.8247, 25.6964



4.7019, 4.7004, 5.0425



9.3551, 4.8064, 1.1764



0.0342, 0.0174, 0.0137

Previews

White Background



This preview shows how the XYZ color 20.4291, 20.4426, 21.9379 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 20.4291, 20.4426, 21.9379 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 20.4291, 20.4426, 21.9379

Background



This preview shows how black text looks on a background with the XYZ color 20.4291, 20.4426, 21.9379.



This preview shows how white text looks on a background with the XYZ color 20.4291, 20.4426,

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

20.4291, 20.4426, 21.9379

Protanopia

19.6617, 20.4080, 22.3049

Deuteranopia

20.7920, 20.4483, 21.9199



Tritanopia

20.8583, 20.4373, 23.9645

Trichromacy



Original Color

20.4291, 20.4426, 21.9379

Protanomaly

19.9906, 20.3924, 22.2846

Deuteranomaly

20.6288, 20.3642, 21.9122

Tritanomaly

20.7253, 20.3842, 23.2643

Monochromacy



Original Color

20.4291, 20.4426, 21.9379

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.0885, 20.8150, 22.3610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4291, 20.4426, 21.9379 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(134, 122, 124)` looks like.

```
.text, #text, p{  
    color:rgb(134, 122, 124)  
}
```

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(134, 122, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 122, 124) }
```

Border

The CSS property to change the border of an element to XYZ 20.4291, 20.4426, 21.9379 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(134, 122, 124) }
```


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

```
.border{ border-color:rgb(134, 122, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 122, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 122, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 122, 124);  
box-shadow:4px 4px 4px 4px rgb(134, 122,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4291, 20.4426, 21.9379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 122, 124) }
```

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

```
.background{ background-color: rgb(134,  
122, 124) }
```

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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