

Converting Colors

XYZ(20.2327, 20.0773, 28.9885)

Have a look what the booklet for
XYZ(20.2327, 20.0773, 28.9885)
contains.

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Color

**XYZ(20.1075, 19.9430,
28.7762)**

Conversions

Conversions Part 1

Format	Color
Hex	7C798F
RGB	124, 121, 143
RGB Percent	49%, 47%, 56%
CMY	0.5137, 0.5255, 0.4392
CMYK	0.13, 0.15, 0.00, 0.44
HSL	248°, 9%, 52%
HSV	248°, 15%, 56%
XYZ	20.1075, 19.9430, 28.7762
YIQ	124.4050, -5.2740, 7.4780

Conversions

Conversions Part 2

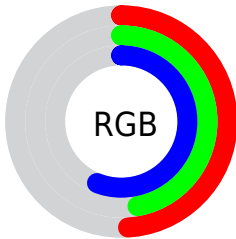
Format	Color
R_{YB}	124, 121, 143
Decimal	8157583
CIE Lab	51.77, 5.80, -11.50
CIE LCh	52, 12.880, 296.781
Yxy	19.9430, 0.2921, 0.2898
Android (android.graphics.Color)	4286347663 (0xFF7C798F)
YUV	124.4050, 9.1673, -0.3552
Hunter-Lab	44.6576, 2.2205, -6.9446

Details

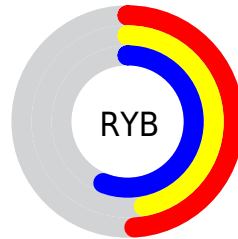
The XYZ color **20.1075, 19.9430, 28.7762** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **24.0895, 26.6013, 21.9550**, and the grayscale version is **19.2654, 20.2687, 22.0727**.

A 20% lighter version of the original color is **43.1531, 43.2655, 58.9000**, and **7.2600, 7.0513, 11.3343** is the 20% darker color. If you saturate the color by 10%, you get **16.8225, 15.8586, 28.1613**, and if you desaturate by 10%, it is **23.8749, 24.6596, 29.4883**.

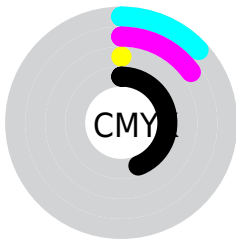
Distribution



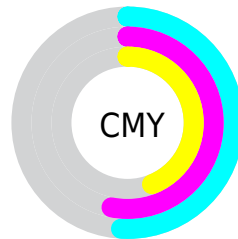
- Red (49%)
- Green (47%)
- Blue (56%)



- Red (49%)
- Yellow (47%)
- Blue (56%)



- Cyan (13%)
- Magenta (15%)
- Yellow (0%)
- Black (44%)



- Cyan (51%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1075, 19.9430, 28.7762 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 20.1075, 19.9430, 28.7762 by changing the saturation by 10% instead.

■ 20.1075, 19.9430,
28.7762

■ 20.1075, 19.9430,
28.7762

245.3190,
251.6064, 310.1854

■ 12.5819, 12.3536,
18.6675

■ 43.0999, 43.3216,
58.7593

■ 7.2163, 6.9850,
11.2559

■ 59.2975, 59.8796,
79.4707

■ 3.6453, 3.4527,
6.1229

■ 79.1164, 80.1959,
104.5534

■ 1.5035, 1.3724,
2.8499

102.9220,
104.6550, 134.4259

■ 0.3282, 0.1962,
1.0185

131.0797,
133.6412, 169.5069

■ 0.0000, 0.0000,
0.0000

163.9549,

167.5389, 210.2147

201.9129,
206.7325, 256.9680

■ 20.1075, 19.9430,
28.7762

■ 20.1075, 19.9430,
28.7762

■ 16.8225, 15.8586,
28.1613

■ 23.8749, 24.6596,
29.4883

■ 13.9986, 12.3770,
27.6381

■ 28.1414, 30.0311,
30.3003

■ 11.6154, 9.4704,
27.2027

■ 32.9249, 36.0821,
31.2161

■ 9.6506, 7.1075,
26.8501

■ 38.2420, 42.8353,
32.2394

■ 8.0796, 5.2543,
26.5752

■ 44.1086, 50.3123,
33.3734

■ 6.8753, 3.8727,
26.3720

■ 50.5398, 58.5338,
34.6213

■ 6.0071, 2.9194,
26.2338

■ 57.5503, 67.5195,
35.9862

■ 5.4354, 2.3357,
26.1513

■ 65.1541, 77.2885,
37.4711

■ 5.2363, 2.1267,
26.1214

■ 73.3647, 87.8594,
39.0787

Harmonies

Analogous

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



18.8148, 19.9430, 29.7015



20.1075, 19.9430, 28.7762



21.1310, 19.9430, 25.8906

Triad

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



20.1075, 19.9430, 28.7762



20.3622, 19.9430, 16.2444



16.5606, 19.9430, 21.3138

Complementary

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



20.1075, 19.9430, 28.7762



24.0895, 26.6013, 21.9550

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.



16.9342, 19.9430, 18.0136



20.1075, 19.9430, 28.7762



19.0964, 19.9430, 15.3055

Square

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



20.1075, 19.9430, 28.7762



21.2827, 19.9430, 18.6372



17.8478, 19.9430, 15.9144



16.8039, 19.9430, 25.1132

Rectangle

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



20.1075, 19.9430, 28.7762



21.5022, 19.9430, 23.3983



17.8478, 19.9430, 15.9144



16.6177, 19.9430, 20.1136

Sweetspot

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



20.1081, 19.9438, 28.7766



42.9556, 44.4118, 52.8464



22.2315, 24.8243, 29.6068



9.7469, 10.0543, 12.0992



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.1081, 19.9438, 28.7766



34.1575, 33.4066, 51.1859



21.7769, 20.8041, 28.8547



5.1938, 5.2881, 6.7757



4.6412, 1.8862, 23.0965



0.0550, 0.0235, 0.2213

Inverse Universe

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



22.8993, 21.4087, 27.7371



40.0194, 36.4838, 48.9629



22.3377, 25.6982, 21.8730



5.5951, 5.4986, 6.6317



13.2107, 6.4413, 17.2925



0.1320, 0.0638, 0.1951

Previews

White Background



This preview shows how the XYZ color 20.1075, 19.9430, 28.7762 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 20.1075, 19.9430, 28.7762 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 20.1075, 19.9430, 28.7762

Background



This preview shows how black text looks on a background with the XYZ color 20.1075, 19.9430, 28.7762.



This preview shows how white text looks on a background with the XYZ color 20.1075, 19.9430,

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

20.1075, 19.9430, 28.7762

Protanopia

19.6013, 19.8546, 29.1848

Deuteranopia

20.2786, 19.8517, 28.7496



Tritanopia

19.3426, 19.9969, 25.0306

Trichromacy



Original Color

20.1075, 19.9430, 28.7762

Protanomaly

19.8787, 19.9976, 29.1978

Deuteranomaly

20.1318, 19.7761, 28.7427

Tritanomaly

19.6433, 19.9362, 26.4797

Monochromacy



Original Color

20.1075, 19.9430, 28.7762

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.4919, 20.0897, 24.3231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1075, 19.9430, 28.7762 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(124, 121, 143)` looks like.

```
.text, #text, p{  
    color:rgb(124, 121, 143)  
}
```

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(124, 121, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 121, 143) }
```

Border

The CSS property to change the border of an element to XYZ 20.1075, 19.9430, 28.7762 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(124, 121, 143) }
```


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

```
.border{ border-color:rgb(124, 121, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 121, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 121, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 121, 143);  
box-shadow:4px 4px 4px 4px rgb(124, 121,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1075, 19.9430, 28.7762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 121, 143) }
```

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

```
.background{ background-color: rgb(124,  
121, 143) }
```

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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