

Converting Colors

XYZ(20.0364, 21.0462, 21.5235)

Have a look what the booklet for
XYZ(20.0364, 21.0462, 21.5235)
contains.

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Color

**XYZ(20.0270, 20.9940,
21.4091)**

Conversions

Conversions Part 1

Format	Color
Hex	817E7A
RGB	129, 126, 122
RGB Percent	51%, 49%, 48%
CMY	0.4941, 0.5059, 0.5216
CMYK	0.00, 0.02, 0.05, 0.49
HSL	34°, 3%, 49%
HSV	34°, 5%, 51%
XYZ	20.0270, 20.9940, 21.4091
YIQ	126.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

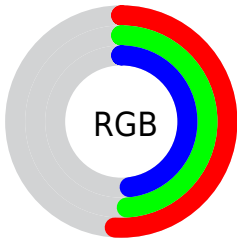
Format	Color
RYB	127, 129, 122
Decimal	8486522
CIELab	52.94, 0.36, 2.57
CIElCh	53, 2.593, 81.996
Yxy	20.9940, 0.3208, 0.3363
Android (android.graphics.Color)	4286676602 (0xFF817E7A)
YUV	126.4410, -2.1894, 2.2442
Hunter-Lab	45.8192, -2.1635, 4.3701

Details

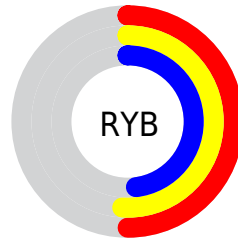
The XYZ color **20.0270, 20.9940, 21.4091** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.3221, 20.3895, 23.6864**, and the grayscale version is **19.9884, 21.0294, 22.9010**.

A 20% lighter version of the original color is **43.0515, 45.2413, 46.5078**, and **7.1647, 7.4943, 7.3722** is the 20% darker color. If you saturate the color by 10%, you get **18.5934, 19.3219, 17.2460**, and if you desaturate by 10%, it is **21.6070, 22.7884, 26.1450**.

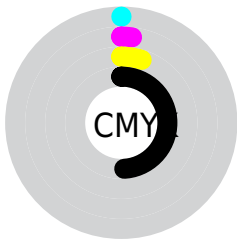
Distribution



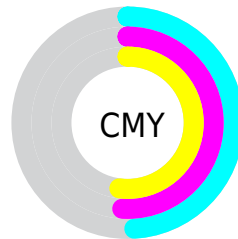
- Red (51%)
- Green (49%)
- Blue (48%)



- Red (50%)
- Yellow (51%)
- Blue (48%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (49%)



- Cyan (49%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0270, 20.9940, 21.4091 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 20.0270, 20.9940, 21.4091 by changing the saturation by 10% instead.

■ 20.0270, 20.9940,
21.4091

■ 20.0270, 20.9940,
21.4091

244.8920,
257.2466, 272.2968

■ 12.5230, 13.1196,
13.2292

■ 42.9660, 45.0775,
46.6570

■ 7.1757, 7.5110,
7.4540

■ 59.1318, 62.0555,
64.5621

■ 3.6195, 3.7837,
3.6649

■ 78.9156, 82.8368,
86.5460

■ 1.4892, 1.5533,
1.4434

102.6828,
107.8057, 113.0273

■ 0.3185, 0.3258,
0.1752

130.7987,
137.3468, 144.4245

■ 0.0000, 0.0000,
0.0000

163.6286,

171.8444, 181.1561

201.5379,
211.6829, 223.6407

■ 20.0270, 20.9940,
21.4091

■ 20.0270, 20.9940,
21.4091

■ 18.5934, 19.3219,
17.2460

■ 21.6070, 22.7884,
26.1450

■ 17.2995, 17.7666,
13.6324

■ 23.3360, 24.7051,
31.4732

■ 16.1410, 16.3257,
10.5451

■ 25.2191, 26.7478,
37.4139

■ 15.1124, 14.9962,
7.9589

■ 27.2602, 28.9190,
43.9861

■ 14.2080, 13.7746,
5.8466

■ 29.4635, 31.2213,
51.2078

■ 13.4212, 12.6573,
4.1782

■ 31.8327, 33.6570,
59.0963

■ 12.7453, 11.6403,
2.9203

■ 34.3715, 36.2285,
67.6683

■ 12.1721, 10.7193,
2.0347

■ 37.0834, 38.9381,
76.9399

■ 11.6898, 9.8883,
1.4619

■ 39.9719, 41.7880,
86.9265

Harmonies

Analogous

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



20.2776, 20.9940, 21.7001



20.0270, 20.9940, 21.4091



19.7591, 20.9940, 21.4995

Triad

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



20.0270, 20.9940, 21.4091



19.4737, 20.9940, 23.4239



20.3686, 20.9940, 23.7925

Complementary

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



20.0270, 20.9940, 21.4091



19.3221, 20.3895, 23.6864

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.



20.1505, 20.9940, 24.2744



20.0270, 20.9940, 21.4091



19.6342, 20.9940, 24.0582

Square

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



20.0270, 20.9940, 21.4091



19.4413, 20.9940, 22.6512



19.8815, 20.9940, 24.3727



20.4760, 20.9940, 23.0679

Rectangle

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



20.0270, 20.9940, 21.4091



19.6067, 20.9940, 21.7649



19.8815, 20.9940, 24.3727



20.3057, 20.9940, 23.9890

Sweetspot

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



20.0276, 20.9949, 21.4096



36.7907, 38.6576, 41.0884



19.7169, 20.0681, 22.2479



8.3366, 8.7605, 9.3277



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.



20.0276, 20.9949, 21.4096



35.3997, 37.0607, 36.9711



20.3460, 21.7366, 21.5359



4.5776, 4.7920, 4.7739



11.2030, 9.3024, 1.2051



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.3221, 20.3895, 23.6864



33.7505, 35.6455, 42.2939



19.0146, 19.6761, 23.5649



4.3612, 4.6063, 5.4725



5.2107, 4.2399, 20.7937



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 20.0270, 20.9940, 21.4091 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 20.0270, 20.9940, 21.4091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

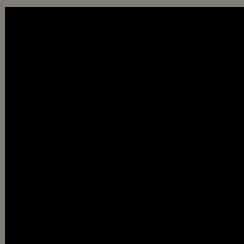
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

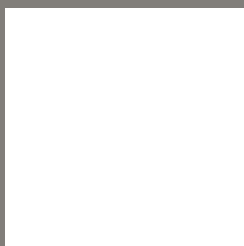
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.0270, 20.9940, 21.4091

Background



This preview shows how black text looks on a background with the XYZ color 20.0270, 20.9940, 21.4091.



This preview shows how white text looks on a background with the XYZ color 20.0270, 20.9940,

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

20.0270, 20.9940, 21.4091

Protanopia

20.1796, 21.0727, 21.4162

Deuteranopia

21.3499, 20.9246, 21.6525



Tritanopia

20.8708, 20.9618, 25.5003

Trichromacy



Original Color

20.0270, 20.9940, 21.4091

Protanomaly

20.1796, 21.0727, 21.4162

Deuteranomaly

20.8115, 20.8302, 21.6626

Tritanomaly

20.5688, 21.0248, 24.0932

Monochromacy



Original Color

20.0270, 20.9940, 21.4091

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.9149, 20.9144, 22.3893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0270, 20.9940, 21.4091 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(129, 126, 122)` looks like.

```
.text, #text, p{  
    color:rgb(129, 126, 122)  
}
```

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(129, 126, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 126, 122) }
```

Border

The CSS property to change the border of an element to XYZ 20.0270, 20.9940, 21.4091 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(129, 126, 122) }
```


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

```
.border{ border-color:rgb(129, 126, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 126, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 126, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 126, 122);  
box-shadow:4px 4px 4px 4px rgb(129, 126,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0270, 20.9940, 21.4091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 126, 122) }
```

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

```
.background{ background-color: rgb(129,  
126, 122) }
```

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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