

Converting Colors

XYZ(20.8602, 26.6507, 22.2433)

Have a look what the booklet for
XYZ(20.8602, 26.6507, 22.2433)
contains.

XYZ(20.7879, 26.5082, 22.1101)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.7879, 26.5082,
22.1101)**

Conversions

Conversions Part 1

Format	Color
Hex	6E9679
RGB	110, 150, 121
RGB Percent	43%, 59%, 47%
CMY	0.5686, 0.4118, 0.5255
CMYK	0.27, 0.00, 0.19, 0.41
HSL	137°, 16%, 51%
HSV	137°, 27%, 59%
XYZ	20.7879, 26.5082, 22.1101
YIQ	134.7340, -14.5310, -17.4990

Conversions

Conversions Part 2

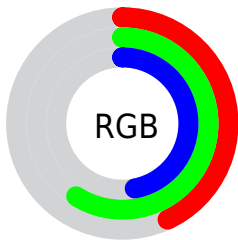
Format	Color
RYB	110, 141, 150
Decimal	7247481
CIELab	58.52, -19.94, 10.92
CIElCh	59, 22.736, 151.290
Yxy	26.5082, 0.2995, 0.3819
Android (android.graphics.Color)	4285437561 (0xFF6E9679)
YUV	134.7340, -6.7709, -21.6917
Hunter-Lab	51.4861, -18.0300, 10.5789

Details

The XYZ color **20.7879, 26.5082, 22.1101** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.8147, 19.5005, 26.9886**, and the grayscale version is **22.9593, 24.1549, 26.3047**.

A 20% lighter version of the original color is **44.0360, 53.8842, 47.6149**, and **7.5560, 10.3837, 7.7369** is the 20% darker color. If you saturate the color by 10%, you get **18.4476, 25.3752, 18.7135**, and if you desaturate by 10%, it is **23.5209, 27.8364, 25.9188**.

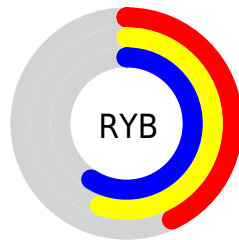
Distribution



Red (43%)

Green (59%)

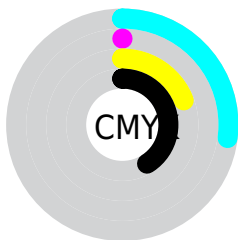
Blue (47%)



Red (43%)

Yellow (55%)

Blue (59%)

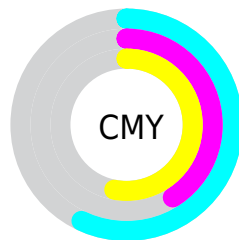


Cyan (27%)

Magenta (0%)

Yellow (19%)

Black (41%)



Cyan (57%)

Magenta (41%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7879, 26.5082, 22.1101 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 20.7879, 26.5082, 22.1101 by changing the saturation by 10% instead.

■ 20.7879, 26.5082,
22.1101

■ 20.7879, 26.5082,
22.1101

248.9022,
285.2680, 276.0929

■ 13.0806, 17.2042,
13.7387

■ 44.2282, 54.0937,
47.8324

■ 7.5615, 10.3802,
7.8025

■ 60.6920, 73.1439,
66.0205

■ 3.8651, 5.6518,
3.8829

■ 80.8053, 96.2118,
88.3178

■ 1.6261, 2.6345,
1.5613

■ 104.9334,
123.6815, 115.1430

■ 0.4093, 0.9440,
0.2630

133.4419,
155.9376, 146.9145

■ 0.0000, 0.0000,
0.0000

166.6959,

193.3645, 184.0510

205.0609,
236.3465, 226.9710

■ 20.7879, 26.5082,
22.1101

■ 20.7879, 26.5082,
22.1101

■ 18.4476, 25.3752,
18.7135

■ 23.5209, 27.8364,
25.9188

■ 16.4793, 24.4249,
15.7133

■ 26.6614, 29.3650,
30.1509

■ 14.8639, 23.6484,
13.0955

■ 30.2264, 31.1032,
34.8196

■ 13.5795, 23.0348,
10.8446

■ 34.2311, 33.0585,
39.9370

■ 12.6019, 22.5718,
8.9440

■ 38.6900, 35.2383,
45.5146

■ 11.9031, 22.2456,
7.3758

■ 43.6168, 37.6494,
51.5636

■ 11.4407, 22.0345,
6.1201

■ 49.0248, 40.2984,
58.0947

■ 11.3115, 21.9756,
5.7664

■ 54.9266, 43.1915,
65.1184

■ 61.3345, 46.3350,
72.6448

Harmonies

Analogous

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



22.5173, 26.5082, 17.6489



20.7879, 26.5082, 22.1101



20.2158, 26.5082, 29.2093

Triad

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



20.7879, 26.5082, 22.1101



25.3159, 26.5082, 47.0523



30.0496, 26.5082, 21.6135

Complementary

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



20.7879, 26.5082, 22.1101



22.8147, 19.5005, 26.9886

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.



30.9318, 26.5082, 28.5193



20.7879, 26.5082, 22.1101



28.0775, 26.5082, 44.0373

Square

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



20.7879, 26.5082, 22.1101



22.7115, 26.5082, 44.4962



30.1853, 26.5082, 36.8672



27.8538, 26.5082, 17.4015

Rectangle

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



20.7879, 26.5082, 22.1101



20.5316, 26.5082, 34.7918



30.1853, 26.5082, 36.8672



30.5165, 26.5082, 23.6490

Sweetspot

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



20.7886, 26.5093, 22.1107



46.1769, 51.3952, 52.0463



24.4250, 28.4575, 18.9575



10.0557, 11.3033, 11.2967



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.7886, 26.5093, 22.1107



34.1412, 45.5475, 35.3583



22.1205, 27.0421, 29.1243



5.7912, 6.4931, 6.5116



9.3932, 18.2301, 4.8462



0.1261, 0.2276, 0.1178

Inverse Universe

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



22.8147, 19.5005, 26.9886



38.3293, 31.0511, 45.4354



21.5042, 18.9763, 20.0876



5.9680, 5.8823, 6.9374



12.7238, 6.2946, 12.5585



0.1682, 0.0820, 0.2193

Previews

White Background



This preview shows how the XYZ color 20.7879, 26.5082, 22.1101 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 20.7879, 26.5082, 22.1101 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 20.7879, 26.5082, 22.1101

Background



This preview shows how black text looks on a background with the XYZ color 20.7879, 26.5082, 22.1101.



This preview shows how white text looks on a background with the XYZ color 20.7879, 26.5082,

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

20.7879, 26.5082, 22.1101

Protanopia

24.7432, 26.3130, 20.2978

Deuteranopia

26.7993, 26.2568, 22.7244



Tritanopia

23.5473, 26.4670, 35.7659

Trichromacy



Original Color

20.7879, 26.5082, 22.1101

Protanomaly

23.0748, 26.3229, 21.0042

Deuteranomaly

24.1086, 25.9370, 22.4746

Tritanomaly

22.4072, 26.4585, 30.3116

Monochromacy



Original Color

20.7879, 26.5082, 22.1101

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.0115, 24.8035, 24.7465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7879, 26.5082, 22.1101 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(110, 150, 121)` looks like.

```
.text, #text, p{  
    color:rgb(110, 150, 121)  
}
```

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(110, 150, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 150, 121) }
```

Border

The CSS property to change the border of an element to XYZ 20.7879, 26.5082, 22.1101 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(110, 150, 121) }
```


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

```
.border{ border-color:rgb(110, 150, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 150, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 150, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 150, 121);  
box-shadow:4px 4px 4px 4px rgb(110, 150,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7879, 26.5082, 22.1101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 150, 121) }
```

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

```
.background{ background-color: rgb(110,  
150, 121) }
```

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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