

Converting Colors

XYZ(20.5676, 21.0479, 14.5339)

Have a look what the booklet for
XYZ(20.5676, 21.0479, 14.5339)
contains.

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Color

**XYZ(20.5676, 21.0479,
14.5339)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7C62
RGB	142, 124, 98
RGB Percent	56%, 49%, 38%
CMY	0.4431, 0.5137, 0.6157
CMYK	0.00, 0.13, 0.31, 0.44
HSL	35°, 18%, 47%
HSV	35°, 31%, 56%
XYZ	20.5676, 21.0479, 14.5339
YIQ	126.4180, 19.0740, -4.2700

Conversions

Conversions Part 2

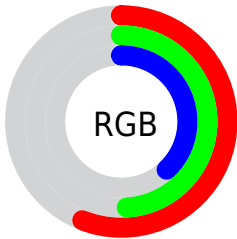
Format	Color
R_{YB}	128, 142, 98
Decimal	9337954
CIE _{Lab}	53.00, 2.76, 16.76
CIE _{LCh}	53, 16.982, 80.645
Yxy	21.0479, 0.3663, 0.3749
Android (android.graphics.Color)	4287528034 (0xFF8E7C62)
YUV	126.4180, -14.0101, 13.6654
Hunter-Lab	45.8780, -0.2630, 13.3318

Details

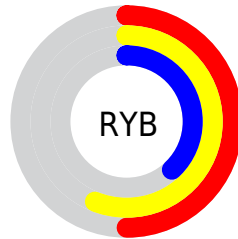
The XYZ color **20.5676, 21.0479, 14.5339** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.1648, 17.0401, 28.0284**, and the grayscale version is **20.0158, 21.0581, 22.9323**.

A 20% lighter version of the original color is **43.7151, 44.9564, 34.8072**, and **7.4280, 7.4953, 4.1872** is the 20% darker color. If you saturate the color by 10%, you get **19.2493, 19.3907, 11.0750**, and if you desaturate by 10%, it is **22.0488, 22.8404, 18.6346**.

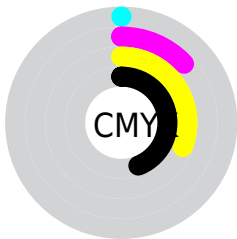
Distribution



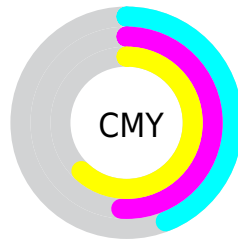
- Red (56%)
- Green (49%)
- Blue (38%)



- Red (50%)
- Yellow (56%)
- Blue (38%)



- Cyan (0%)
- Magenta (13%)
- Yellow (31%)
- Black (44%)



- Cyan (44%)
- Magenta (51%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5676, 21.0479, 14.5339 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 20.5676, 21.0479, 14.5339 by changing the saturation by 10% instead.

■ 20.5676, 21.0479,
14.5339

■ 20.5676, 21.0479,
14.5339

247.7469,
257.5329, 232.0702

■ 12.9190, 13.1590,
8.3500

■ 43.8635, 45.1672,
34.7641

■ 7.4494, 7.5381,
4.2287

■ 60.2415, 62.1665,
49.6474

■ 3.7935, 3.8009,
1.7516

■ 80.2599, 82.9713,
68.2675

■ 1.5860, 1.5628,
0.3958

■ 104.2842,
107.9661, 91.0431

■ 0.3833, 0.3323,
0.0000

132.6797,
137.5353, 118.3926

■ 0.0000, 0.0000,
0.0000

165.8118,

172.0632, 150.7346

204.0457,
211.9343, 188.4876

■ 20.5676, 21.0479,
14.5339

■ 20.5676, 21.0479,
14.5339

■ 19.2493, 19.3907,
11.0750

■ 22.0488, 22.8404,
18.6346

■ 18.0853, 17.8620,
8.2230

■ 23.6980, 24.7690,
23.4066

■ 17.0685, 16.4583,
5.9422

■ 25.5216, 26.8383,
28.8792

■ 16.1906, 15.1752,
4.1920

■ 27.5256, 29.0517,
35.0797

■ 15.4421, 14.0076,
2.9268

■ 29.7155, 31.4125,
42.0338

■ 14.8120, 12.9498,
2.0930

■ 32.0964, 33.9237,
49.7660

■ 14.3194, 12.0788,
1.5767

■ 34.6735, 36.5885,
58.2996

■ 37.4516, 39.4098,
67.6570

■ 40.4354, 42.3904,
77.8598

Harmonies

Analogous

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



22.2580, 21.0479, 16.1358



20.5676, 21.0479, 14.5339



18.8213, 21.0479, 14.9059

Triad

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



20.5676, 21.0479, 14.5339



16.9670, 21.0479, 26.5549



22.7738, 21.0479, 29.7212

Complementary

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



20.5676, 21.0479, 14.5339



16.1648, 17.0401, 28.0284

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.



21.2381, 21.0479, 33.3828



20.5676, 21.0479, 14.5339



17.9101, 21.0479, 31.3745

Square

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



20.5676, 21.0479, 14.5339



16.8111, 21.0479, 21.3591



19.4535, 21.0479, 34.0290



23.5807, 21.0479, 24.5501

Rectangle

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



20.5676, 21.0479, 14.5339



17.8553, 21.0479, 16.2485



19.4535, 21.0479, 34.0290



22.3216, 21.0479, 31.1997

Sweetspot

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



20.5681, 21.0489, 14.5343



42.3444, 44.3154, 42.9180



18.6950, 15.7551, 18.6808



9.3680, 9.7950, 9.3202



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



20.5681, 21.0489, 14.5343



34.6619, 35.1088, 21.3717



22.4143, 25.6598, 15.3270



5.6570, 5.9204, 5.7340



12.8750, 10.8817, 1.4218



0.1448, 0.1475, 0.0208

Inverse Universe

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



16.1648, 17.0401, 28.0284



25.6590, 26.9157, 48.9708



14.6922, 13.4940, 27.4216



5.2994, 5.5946, 6.8293



5.7633, 4.5125, 23.5443



0.0759, 0.0847, 0.2320

Previews

White Background



This preview shows how the XYZ color 20.5676, 21.0479, 14.5339 looks on a white background.

Color Contrast Check

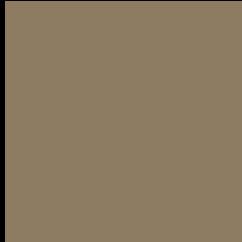
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5676, 21.0479, 14.5339 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 20.5676, 21.0479, 14.5339

Background



This preview shows how black text looks on a background with the XYZ color 20.5676, 21.0479, 14.5339.



This preview shows how white text looks on a background with the XYZ color 20.5676, 21.0479,

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

20.5676, 21.0479, 14.5339

Protanopia

19.7047, 20.9735, 14.8141

Deuteranopia

21.3769, 21.0968, 14.5007



Tritanopia

22.5330, 21.1289, 23.6595

Trichromacy



Original Color

20.5676, 21.0479, 14.5339

Protanomaly

20.0670, 20.9714, 14.7946

Deuteranomaly

21.1416, 21.1588, 14.5250

Tritanomaly

21.7844, 21.0025, 20.0453

Monochromacy



Original Color

20.5676, 21.0479, 14.5339

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.0017, 20.8337, 19.4901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5676, 21.0479, 14.5339 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(142, 124, 98)` looks like.

```
.text, #text, p{  
    color:rgb(142, 124, 98)  
}
```

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(142, 124, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 124, 98) }
```

Border

The CSS property to change the border of an element to XYZ 20.5676, 21.0479, 14.5339 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(142, 124, 98) }
```


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

```
.border{ border-color:rgb(142, 124, 98) }
```

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

Here you see how a box with a 4 pixel rgb(142, 124, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 124, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 124, 98);  
box-shadow:4px 4px 4px 4px rgb(142, 124,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5676, 21.0479, 14.5339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 124, 98) }
```

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

```
.background{ background-color: rgb(142,  
124, 98) }
```

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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