

Converting Colors

XYZ(14.4886, 21.7527, 27.1020)

Have a look what the booklet for
XYZ(14.4886, 21.7527, 27.1020)
contains.

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Color

**XYZ(14.4886, 21.7527,
27.1020)**

Conversions

Conversions Part 1

Format	Color
Hex	009089
RGB	0, 144, 137
RGB Percent	0%, 56%, 54%
CMY	0.9999, 0.4353, 0.4627
CMYK	1.00, 0.00, 0.05, 0.44
HSL	177°, 100%, 28%
HSV	177°, 100%, 56%
XYZ	14.4886, 21.7527, 27.1020
YIQ	100.1460, -83.5770, -32.7050

Conversions

Conversions Part 2

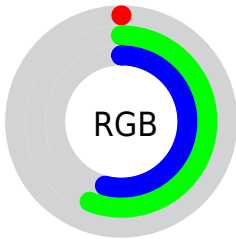
Format	Color
RYB	0, 74, 144
Decimal	37001
CIELab	53.76, -33.61, -5.53
CIELCh	54, 34.061, 189.338
Yxy	21.7527, 0.2287, 0.3434
Android (android.graphics.Color)	4278227081 (0xFF009089)
YUV	100.1460, 18.1690, -87.8280
Hunter-Lab	46.6398, -26.1688, -1.8051

Details

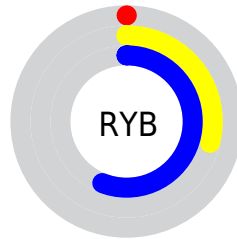
The XYZ color **14.4886, 21.7527, 27.1020** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11.5406, 5.9452, 0.7408**, and the grayscale version is **12.1221, 12.7534, 13.8885**.

A 20% lighter version of the original color is **33.4188, 46.1321, 55.8582**, and **5.6347, 8.5168, 10.3638** is the 20% darker color. If you saturate the color by 10%, you get **14.4890, 21.7534, 27.1022**, and if you desaturate by 10%, it is **14.7271, 21.8703, 27.3767**.

Distribution



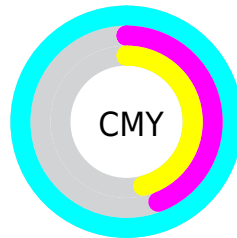
- Red (0%)
- Green (56%)
- Blue (54%)



- Red (0%)
- Yellow (29%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4886, 21.7527, 27.1020 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 14.4886, 21.7527, 27.1020 by changing the saturation by 10% instead.

■ 14.4886, 21.7527,
27.1020

■ 14.4886, 21.7527,
27.1020

■ 213.6999,
261.2521, 301.9264

■ 8.5452, 13.6753,
17.4167

■ 33.5326, 46.3369,
56.0532

■ 4.5005, 7.8952,
10.3670

■ 47.3639, 63.6125,
76.1563

■ 1.9890, 4.0279,
5.5342

■ 64.5552, 84.7230,
100.5690

■ 0.6278, 1.6892,
2.4998

■ 85.4720, 110.0527,
129.7099

■ 0.0000, 0.4167,
0.8400

■ 110.4795,
139.9861, 163.9975

■ 0.0000, 0.0000,
0.0000

■ 139.9431,

174.9075, 203.8505

174.2281,
215.2014, 249.6873

■ 14.4886, 21.7527,
27.1020

■ 14.4886, 21.7527,
27.1020

■ 14.4890, 21.7534,
27.1022

■ 14.7271, 21.8703,
27.3767

■ 15.0917, 22.0524,
27.6586

■ 15.6466, 22.3326,
27.9510

■ 16.4153, 22.7229,
28.2552

■ 17.4180, 23.2339,
28.5721

■ 18.6726, 23.8746,
28.9024

■ 20.1951, 24.6534,
29.2470

■ 22.0003, 25.5779,
29.6066

■ 24.1018, 26.6552,
29.9817

Harmonies

Analogous

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



14.7736, 21.7527, 17.2708



14.4886, 21.7527, 27.1020



15.7035, 21.7527, 38.8662

Triad

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



14.4886, 21.7527, 27.1020



25.4563, 21.7527, 42.9046



23.2548, 21.7527, 9.4059

Complementary

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



14.4886, 21.7527, 27.1020



11.5406, 5.9452, 0.7408

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.



26.5992, 21.7527, 13.0828



14.4886, 21.7527, 27.1020



27.9705, 21.7527, 31.5181

Square

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



14.4886, 21.7527, 27.1020



21.8363, 21.7527, 49.6044



28.4117, 21.7527, 20.5680



19.5562, 21.7527, 8.8615

Rectangle

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



14.4886, 21.7527, 27.1020



17.2953, 21.7527, 45.5515



28.4117, 21.7527, 20.5680



24.4693, 21.7527, 10.2506

Sweetspot

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



14.4892, 21.7535, 27.1025



35.4359, 43.3881, 51.5443



10.0640, 19.9938, 3.3292



7.8831, 9.8254, 11.7670



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.



14.4892, 21.7535, 27.1025



25.5362, 38.3593, 47.7047



7.8454, 7.6358, 27.4469



5.5491, 6.1119, 6.8574



12.6194, 18.9436, 23.6136



0.1229, 0.1820, 0.2377

Inverse Universe

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



11.5406, 5.9452, 0.7408



20.3358, 10.4777, 1.2105



13.3815, 9.6883, 1.1652



5.4189, 5.4281, 5.7037



10.0518, 5.1777, 0.6583



0.0978, 0.0502, 0.0152

Previews

White Background



This preview shows how the XYZ color 14.4886, 21.7527, 27.1020 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 14.4886, 21.7527, 27.1020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

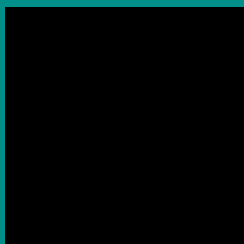
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.4886, 21.7527, 27.1020

Background



This preview shows how black text looks on a background with the XYZ color 14.4886, 21.7527, 27.1020.



This preview shows how white text looks on a background with the XYZ color 14.4886, 21.7527,

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

14.4886, 21.7527, 27.1020

Protanopia

20.6261, 21.4569, 23.1332

Deuteranopia

21.8469, 21.4067, 28.1798



Tritanopia

16.0184, 21.9530, 33.5301

Trichromacy



Original Color

14.4886, 21.7527, 27.1020

Protanomaly

16.0515, 20.2528, 24.5359

Deuteranomaly

16.5962, 20.0573, 27.8077

Tritanomaly

15.3774, 21.9002, 31.0205

Monochromacy



Original Color

14.4886, 21.7527, 27.1020

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.3404, 14.7730, 17.8766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4886, 21.7527, 27.1020 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(0, 144, 137)` looks like.

```
.text, #text, p{  
    color:rgb(0, 144, 137)  
}
```

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(0, 144, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 144, 137) }
```

Border

The CSS property to change the border of an element to XYZ 14.4886, 21.7527, 27.1020 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(0, 144, 137) }
```


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

```
.border{ border-color:rgb(0, 144, 137) }
```

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

Here you see how a box with a 4 pixel rgb(0, 144, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 144, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 144, 137);  
box-shadow:4px 4px 4px 4px rgb(0, 144,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4886, 21.7527, 27.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 144, 137) }
```

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

```
.background{ background-color: rgb(0, 144,  
137) }
```

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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