

Converting Colors

XYZ(14.6670, 22.3918, 26.2911)

Have a look what the booklet for
XYZ(14.6670, 22.3918, 26.2911)
contains.

XYZ(14.6521, 22.3070, 26.4551)	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(14.6521, 22.3070,
26.4551)**

Conversions

Conversions Part 1

Format	Color
Hex	009287
RGB	0, 146, 135
RGB Percent	0%, 57%, 53%
CMY	0.9999, 0.4274, 0.4706
CMYK	1.00, 0.00, 0.08, 0.43
HSL	175°, 100%, 29%
HSV	175°, 100%, 57%
XYZ	14.6521, 22.3070, 26.4551
YIQ	101.0920, -83.4850, -34.3730

Conversions

Conversions Part 2

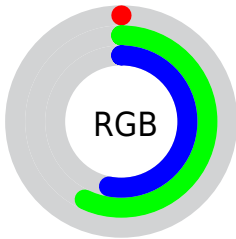
Format	Color
RYB	0, 76, 146
Decimal	37511
CIELab	54.35, -35.14, -3.50
CIELCh	54, 35.316, 185.695
Yxy	22.3070, 0.2311, 0.3518
Android (android.graphics.Color)	4278227591 (0xFF009287)
YUV	101.0920, 16.7166, -88.6577
Hunter-Lab	47.2303, -27.2775, -0.1489

Details

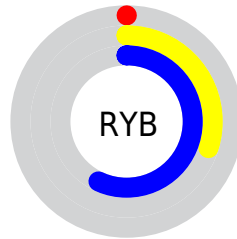
The XYZ color **14.6521, 22.3070, 26.4551** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11.9152, 6.1359, 0.8738**, and the grayscale version is **12.3692, 13.0133, 14.1715**.

A 20% lighter version of the original color is **33.8942, 47.4304, 54.9455**, and **5.7319, 8.8403, 9.9986** is the 20% darker color. If you saturate the color by 10%, you get **14.6523, 22.3076, 26.4549**, and if you desaturate by 10%, it is **14.9213, 22.4373, 26.8747**.

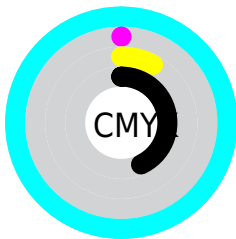
Distribution



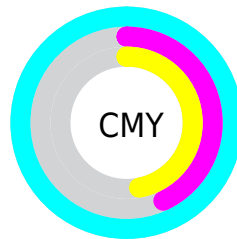
- Red (0%)
- Green (57%)
- Blue (53%)



- Red (0%)
- Yellow (30%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6521, 22.3070, 26.4551 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 14.6521, 22.3070, 26.4551 by changing the saturation by 10% instead.

■ 14.6521, 22.3070,
26.4551

■ 14.6521, 22.3070,
26.4551

■ 214.6811,
264.1453, 298.6853

■ 8.6603, 14.0827,
16.9356

■ 33.8184, 47.2529,
55.0013

■ 4.5756, 8.1782,
10.0271

■ 47.7236, 64.7432,
74.8651

■ 2.0327, 4.2092,
5.3111

■ 64.9973, 86.0910,
99.0140

■ 0.6522, 1.7912,
2.3690

■ 86.0049, 111.6806,
127.8667

■ 0.0000, 0.4817,
0.7695

■ 111.1117,
141.8964, 161.8416

■ 0.0000, 0.0000,
0.0000

■ 140.6831,

177.1229, 201.3573

175.0845,
217.7444, 246.8324

■ 14.6521, 22.3070,
26.4551

■ 14.6521, 22.3070,
26.4551

■ 14.6523, 22.3076,
26.4549

■ 14.9213, 22.4373,
26.8747

■ 15.3221, 22.6348,
27.3042

■ 15.9198, 22.9337,
27.7471

■ 16.7386, 23.3466,
28.2046

■ 17.7996, 23.8842,
28.6776

■ 19.1211, 24.5560,
29.1671

■ 20.7198, 25.3706,
29.6738

■ 22.6111, 26.3359,
30.1984

■ 24.8089, 27.4592,
30.7417

Harmonies

Analogous

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



15.1421, 22.3070, 16.5609



14.6521, 22.3070, 26.4551



15.7370, 22.3070, 38.8890

Triad

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



14.6521, 22.3070, 26.4551



25.8247, 22.3070, 45.9138



24.3997, 22.3070, 9.6303

Complementary

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



14.6521, 22.3070, 26.4551



11.9152, 6.1359, 0.8738

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.



27.8053, 22.3070, 13.8938



14.6521, 22.3070, 26.4551



28.6953, 22.3070, 34.1091

Square

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



14.6521, 22.3070, 26.4551



21.9457, 22.3070, 52.1063



29.4607, 22.3070, 22.2436



20.4755, 22.3070, 8.7033

Rectangle

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



14.6521, 22.3070, 26.4551



17.2951, 22.3070, 46.3664



29.4607, 22.3070, 22.2436



25.6573, 22.3070, 10.6406

Sweetspot

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



14.6528, 22.3078, 26.4556



36.3602, 44.6580, 52.2897



10.4336, 20.6380, 3.4343



7.8433, 9.8095, 11.5573



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.



14.6528, 22.3078, 26.4556



25.8199, 39.3410, 46.5226



8.4513, 8.6007, 28.4096



5.9455, 6.5548, 7.3237



12.8973, 19.6317, 23.2987



0.1624, 0.2421, 0.3090

Inverse Universe

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



11.9152, 6.1359, 0.8738



20.9927, 10.8128, 1.4040



13.5152, 9.4326, 1.1091



5.8175, 5.8221, 6.1450



10.4885, 5.4005, 0.7876



0.1319, 0.0675, 0.0282

Previews

White Background



This preview shows how the XYZ color 14.6521, 22.3070, 26.4551 looks on a white background.

Color Contrast Check

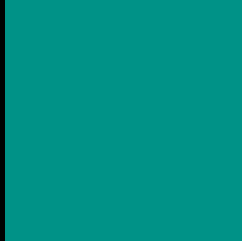
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6521, 22.3070, 26.4551 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 14.6521, 22.3070, 26.4551

Background



This preview shows how black text looks on a background with the XYZ color 14.6521, 22.3070, 26.4551.

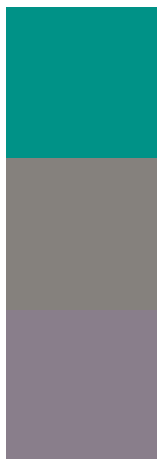


This preview shows how white text looks on a background with the XYZ color 14.6521, 22.3070,

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

14.6521, 22.3070, 26.4551

Protanopia

21.2248, 22.1677, 22.5622

Deuteranopia

22.4376, 22.1042, 27.5100



Tritanopia

16.4320, 22.3688, 34.4619

Trichromacy



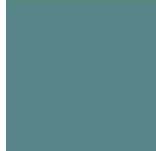
Original Color

14.6521, 22.3070, 26.4551



Protanomaly

16.3727, 20.8442, 23.9293



Deuteranomaly

16.9055, 20.6363, 27.1369



Tritanomaly

15.6494, 22.2552, 31.4878

Monochromacy



Original Color

14.6521, 22.3070, 26.4551



Achromatopsia

12.3695, 13.0136, 14.1719



Achromatomaly

11.4563, 15.0048, 17.9152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6521, 22.3070, 26.4551 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, 146, 135)` looks like.

```
.text, #text, p{  
  color:rgb(0, 146, 135)  
}
```

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, 146, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 135) }
```

Border

The CSS property to change the border of an element to XYZ 14.6521, 22.3070, 26.4551 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, 146, 135) }
```


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

```
.border{ border-color:rgb(0, 146, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 146, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 135);  
box-shadow:4px 4px 4px 4px rgb(0, 146,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6521, 22.3070, 26.4551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 146, 135) }
```

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

```
.background{ background-color: rgb(0, 146,  
135) }
```

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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