

Converting Colors

XYZ(12.4079, 20.0598, 26.8649)

Have a look what the booklet for
XYZ(12.4079, 20.0598, 26.8649)
contains.

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Color

**XYZ(14.0402, 20.8559,
26.9525)**

Conversions

Conversions Part 1

Format	Color
Hex	008D89
RGB	0, 141, 137
RGB Percent	0%, 55%, 54%
CMY	0.9999, 0.4471, 0.4627
CMYK	1.00, 0.00, 0.03, 0.45
HSL	178°, 100%, 28%
HSV	178°, 100%, 55%
XYZ	14.0402, 20.8559, 26.9525
YIQ	98.3850, -82.7520, -31.1360

Conversions

Conversions Part 2

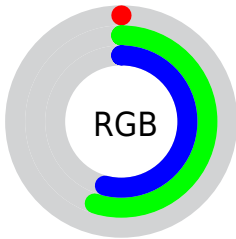
Format	Color
RYB	0, 72, 141
Decimal	36233
CIELab	52.79, -32.20, -6.97
CIELCh	53, 32.950, 192.214
Yxy	20.8559, 0.2270, 0.3372
Android (android.graphics.Color)	4278226313 (0xFF008D89)
YUV	98.3850, 19.0372, -86.2836
Hunter-Lab	45.6683, -25.0416, -3.0240

Details

The XYZ color **14.0402, 20.8559, 26.9525** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11.0071, 5.6721, 0.6300**, and the grayscale version is **11.6756, 12.2836, 13.3768**.

A 20% lighter version of the original color is **32.6471, 44.7264, 55.6276**, and **5.3765, 8.0004, 10.2777** is the 20% darker color. If you saturate the color by 10%, you get **14.0406, 20.8566, 26.9528**, and if you desaturate by 10%, it is **14.2523, 20.9624, 27.1130**.

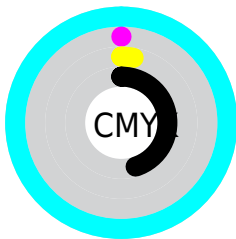
Distribution



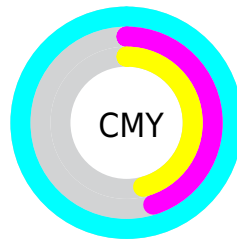
- Red (0%)
- Green (55%)
- Blue (54%)



- Red (0%)
- Yellow (28%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0402, 20.8559, 26.9525 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 14.0402, 20.8559, 26.9525 by changing the saturation by 10% instead.

■ 14.0402, 20.8559,
26.9525

■ 14.0402, 20.8559,
26.9525

■ 210.9864,
256.5117, 301.1800

■ 8.2305, 13.0187,
17.3054

■ 32.7460, 44.8476,
55.8104

■ 4.2958, 7.4414,
10.2882

■ 46.3728, 61.7709,
75.8584

■ 1.8708, 3.7397,
5.4824

■ 63.3361, 82.4917,
100.2104

■ 0.5598, 1.5290,
2.4693

■ 84.0012, 107.3943,
129.2850

■ 0.0000, 0.3090,
0.8238

■ 108.7334,
136.8633, 163.5007

■ 0.0000, 0.0000,
0.0000

■ 137.8981,

171.2829, 203.2761

171.8606,
211.0375, 249.0296

■ 14.0402, 20.8559,
26.9525

■ 14.0402, 20.8559,
26.9525

■ 14.0406, 20.8566,
26.9528

■ 14.2523, 20.9624,
27.1130

■ 14.5831, 21.1296,
27.2792

■ 15.0951, 21.3902,
27.4544

■ 15.8106, 21.7557,
27.6397

■ 16.7487, 22.2359,
27.8360

■ 17.9264, 22.8397,
28.0441

■ 19.3590, 23.5748,
28.2646

■ 21.0603, 24.4484,
28.4983

■ 23.0435, 25.4674,
28.7457

Harmonies

Analogous

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



14.1727, 20.8559, 17.4041



14.0402, 20.8559, 26.9525



15.3203, 20.8559, 37.9462

Triad

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



14.0402, 20.8559, 26.9525



24.6029, 20.8559, 39.8078



21.9108, 20.8559, 9.0341

Complementary

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



14.0402, 20.8559, 26.9525



11.0071, 5.6721, 0.6300

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.



25.1312, 20.8559, 12.2181



14.0402, 20.8559, 26.9525



26.8047, 20.8559, 28.9942

Square

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



14.0402, 20.8559, 26.9525



21.2541, 20.8559, 46.6830



27.0086, 20.8559, 18.9352



18.4574, 20.8559, 8.7789

Rectangle

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



14.0402, 20.8559, 26.9525



16.8991, 20.8559, 43.9045



27.0086, 20.8559, 18.9352



23.0659, 20.8559, 9.7429

Sweetspot

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



14.0408, 20.8567, 26.9530



34.4853, 42.1236, 50.5890



9.5843, 19.0809, 3.1783



7.4812, 9.2949, 11.2662



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.



14.0408, 20.8567, 26.9530



25.1326, 37.3450, 48.2085



7.3383, 6.9837, 26.1614



5.5537, 6.1137, 6.8819



12.8030, 19.0171, 24.5805



0.1238, 0.1824, 0.2421

Inverse Universe

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



11.0071, 5.6721, 0.6300



19.7000, 10.1524, 1.0709



12.9221, 9.5371, 1.1602



5.4147, 5.4264, 5.6818



10.0368, 5.1718, 0.5794



0.0969, 0.0498, 0.0107

Previews

White Background



This preview shows how the XYZ color 14.0402, 20.8559, 26.9525 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 14.0402, 20.8559, 26.9525 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

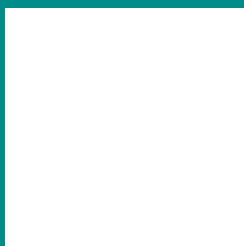
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0402, 20.8559, 26.9525

Background



This preview shows how black text looks on a background with the XYZ color 14.0402, 20.8559, 26.9525.



This preview shows how white text looks on a background with the XYZ color 14.0402, 20.8559,

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

14.0402, 20.8559, 26.9525

Protanopia

19.9168, 20.7116, 23.0267

Deuteranopia

20.9732, 20.5880, 28.0678



Tritanopia

15.2443, 20.9285, 32.0903

Trichromacy



Original Color

14.0402, 20.8559, 26.9525

Protanomaly

15.6064, 19.6206, 24.4373

Deuteranomaly

16.1512, 19.4330, 27.7106

Tritanomaly

14.7384, 20.9291, 30.0510

Monochromacy



Original Color

14.0402, 20.8559, 26.9525

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

10.9286, 14.2286, 17.4996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0402, 20.8559, 26.9525 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, 141, 137)` looks like.

```
.text, #text, p{  
    color:rgb(0, 141, 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, 141, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 141, 137) }
```

Border

The CSS property to change the border of an element to XYZ 14.0402, 20.8559, 26.9525 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, 141, 137) }
```


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

```
.border{ border-color:rgb(0, 141, 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, 141, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 141, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 141, 137);  
box-shadow:4px 4px 4px 4px rgb(0, 141,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0402, 20.8559, 26.9525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 141, 137) }
```

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

```
.background{ background-color: rgb(0, 141,  
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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