

Converting Colors

XYZ(14.2226, 19.8601, 31.2075)

Have a look what the booklet for
XYZ(14.2226, 19.8601, 31.2075)
contains.

XYZ(14.1495, 19.7464, 31.0827)	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(14.1495, 19.7464,
31.0827)**

Conversions

Conversions Part 1

Format	Color
Hex	008894
RGB	0, 136, 148
RGB Percent	0%, 53%, 58%
CMY	0.9999, 0.4667, 0.4196
CMYK	1.00, 0.08, 0.00, 0.42
HSL	185°, 100%, 29%
HSV	185°, 100%, 58%
XYZ	14.1495, 19.7464, 31.0827
YIQ	96.7040, -84.9080, -25.1000

Conversions

Conversions Part 2

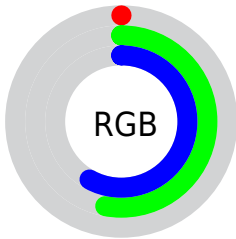
Format	Color
RYB	0, 71, 148
Decimal	34964
CIELab	51.55, -26.17, -15.22
CIELCh	52, 30.273, 210.193
Yxy	19.7464, 0.2178, 0.3039
Android (android.graphics.Color)	4278225044 (0xFF008894)
YUV	96.7040, 25.2889, -84.8094
Hunter-Lab	44.4369, -20.9271, -10.3663

Details

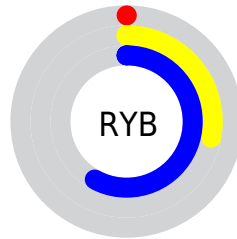
The XYZ color **14.1495, 19.7464, 31.0827** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.3449, 6.5597, 0.6163**, and the grayscale version is **11.2470, 11.8327, 12.8858**.

A 20% lighter version of the original color is **33.0046, 43.1174, 62.4601**, and **5.4855, 7.5186, 12.4714** is the 20% darker color. If you saturate the color by 10%, you get **14.1494, 19.7463, 31.0831**, and if you desaturate by 10%, it is **14.5140, 20.1870, 31.1489**.

Distribution



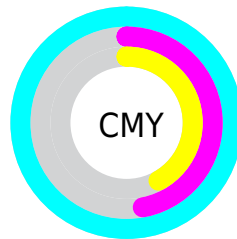
- Red (0%)
- Green (53%)
- Blue (58%)



- Red (0%)
- Yellow (28%)
- Blue (58%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (47%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1495, 19.7464, 31.0827 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 14.1495, 19.7464, 31.0827 by changing the saturation by 10% instead.

■ 14.1495, 19.7464,
31.0827

■ 14.1495, 19.7464,
31.0827

■ 211.6509,
250.5389, 321.2821

■ 8.3071, 12.2108,
20.4028

■ 32.9381, 42.9916,
62.4514

■ 4.3455, 6.8874,
12.5012

■ 46.6151, 59.4700,
83.9772

■ 1.8994, 3.3918,
6.9593

■ 63.6342, 79.6982,
109.9555

■ 0.5765, 1.3395,
3.3586

■ 84.3610, 104.0605,
140.8048

■ 0.0000, 0.1715,
1.2805

■ 109.1607,
132.9413, 176.9435

■ 0.0000, 0.0000,
0.0458

■ 138.3987,

■ 0.0000, 0.0000,

166.7251, 218.7903

0.0000

172.4403,
205.7961, 266.7636

■ 14.1495, 19.7464,
31.0827

■ 14.1495, 19.7464,
31.0827

■ 14.1494, 19.7463,
31.0831

■ 14.5140, 20.1870,
31.1489

■ 15.0163, 20.7011,
31.2217

■ 15.7227, 21.3233,
31.3045

■ 16.6584, 22.0665,
31.3987

■ 17.8450, 22.9419,
31.5051

■ 19.3017, 23.9594,
31.6247

■ 21.0457, 25.1278,
31.7583

■ 23.0928, 26.4554,
31.9067

■ 25.4577, 27.9497,
32.0705

Harmonies

Analogous

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



13.5018, 19.7464, 21.5571



14.1495, 19.7464, 31.0827



16.0062, 19.7464, 39.5763

Triad

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



14.1495, 19.7464, 31.0827



24.3201, 19.7464, 30.9575



18.7486, 19.7464, 8.7150

Complementary

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



14.1495, 19.7464, 31.0827



12.3449, 6.5597, 0.6163

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.



21.8313, 19.7464, 9.9871



14.1495, 19.7464, 31.0827



25.2523, 19.7464, 21.4439

Square

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



14.1495, 19.7464, 31.0827



21.8692, 19.7464, 39.4914



24.2967, 19.7464, 14.1228



15.9754, 19.7464, 10.0210

Rectangle

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



14.1495, 19.7464, 31.0827



17.7888, 19.7464, 42.6143



24.2967, 19.7464, 14.1228



19.7832, 19.7464, 8.8498

Sweetspot

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



14.1501, 19.7471, 31.0832



36.9281, 44.2007, 56.0199



10.6446, 21.2020, 3.8155



8.1497, 9.9039, 12.7669



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.



14.1501, 19.7471, 31.0832



24.9061, 34.7219, 54.8239



7.1876, 5.8221, 28.7623



5.9243, 6.4826, 7.4088



12.0950, 16.8849, 26.5527



0.1576, 0.2258, 0.3282

Inverse Universe

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



16.6573, 8.0742, 23.9737



29.3597, 14.2332, 42.1400



15.3741, 12.6180, 1.6260



6.0152, 5.9012, 7.1864



14.2321, 6.8979, 20.5010



0.1790, 0.0864, 0.2764

Previews

White Background



This preview shows how the XYZ color 14.1495, 19.7464, 31.0827 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 14.1495, 19.7464, 31.0827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

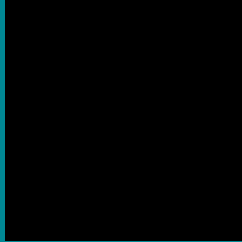
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.1495, 19.7464, 31.0827

Background



This preview shows how black text looks on a background with the XYZ color 14.1495, 19.7464, 31.0827.



This preview shows how white text looks on a background with the XYZ color 14.1495, 19.7464,

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

14.1495, 19.7464, 31.0827

Protanopia

19.1705, 19.5028, 26.7988

Deuteranopia

19.9917, 19.6219, 32.4395



Tritanopia

14.0706, 19.7149, 30.6675

Trichromacy



Original Color

14.1495, 19.7464, 31.0827

Protanomaly

15.3238, 18.4112, 28.3373

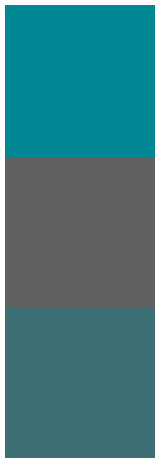
Deuteranomaly

16.0273, 18.6926, 32.0415

Tritanomaly

14.0706, 19.7149, 30.6675

Monochromacy



Original Color

14.1495, 19.7464, 31.0827

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.8234, 13.6540, 18.5880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1495, 19.7464, 31.0827 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, 136, 148)` looks like.

```
.text, #text, p{  
    color:rgb(0, 136, 148)  
}
```

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, 136, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 136, 148) }
```

Border

The CSS property to change the border of an element to XYZ 14.1495, 19.7464, 31.0827 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, 136, 148) }
```


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

```
.border{ border-color:rgb(0, 136, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 136, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 136, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 136, 148);  
box-shadow:4px 4px 4px 4px rgb(0, 136,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1495, 19.7464, 31.0827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 136, 148) }
```

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

```
.background{ background-color: rgb(0, 136,  
148) }
```

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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