

Converting Colors

XYZ(10.3483, 17.3407, 32.4136)

Have a look what the booklet for
XYZ(10.3483, 17.3407, 32.4136)
contains.

XYZ(14.1926, 19.3172, 32.6863)	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(14.1926, 19.3172,
32.6863)**

Conversions

Conversions Part 1

Format	Color
Hex	008698
RGB	0, 134, 152
RGB Percent	0%, 53%, 60%
CMY	0.9999, 0.4745, 0.4039
CMYK	1.00, 0.12, 0.00, 0.40
HSL	187°, 100%, 30%
HSV	187°, 100%, 60%
XYZ	14.1926, 19.3172, 32.6863
YIQ	95.9860, -85.6420, -22.8100

Conversions

Conversions Part 2

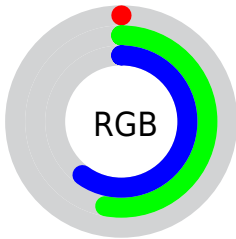
Format	Color
RYB	0, 71, 152
Decimal	34456
CIELab	51.06, -23.77, -18.30
CIELCh	51, 30.001, 217.592
Yxy	19.3172, 0.2144, 0.2918
Android (android.graphics.Color)	4278224536 (0xFF008698)
YUV	95.9860, 27.6149, -84.1797
Hunter-Lab	43.9513, -19.2743, -13.3276

Details

The XYZ color **14.1926, 19.3172, 32.6863** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.1659, 7.1089, 0.6789**, and the grayscale version is **11.0669, 11.6432, 12.6794**.

A 20% lighter version of the original color is **33.0543, 42.4489, 64.8438**, and **5.5193, 7.2802, 13.4262** is the 20% darker color. If you saturate the color by 10%, you get **14.1925, 19.3169, 32.6866**, and if you desaturate by 10%, it is **14.6446, 19.9231, 32.7798**.

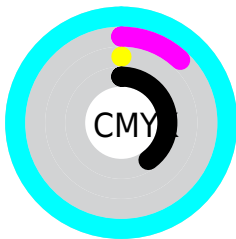
Distribution



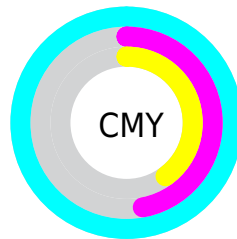
- Red (0%)
- Green (53%)
- Blue (60%)



- Red (0%)
- Yellow (28%)
- Blue (60%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1926, 19.3172, 32.6863 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 14.1926, 19.3172, 32.6863 by changing the saturation by 10% instead.

■ 14.1926, 19.3172,
32.6863

■ 14.1926, 19.3172,
32.6863

■ 211.9124,
248.1943, 328.8224

■ 8.3373, 11.8997,
21.6171

■ 33.0138, 42.2694,
64.9958

■ 4.3652, 6.6754,
13.3802

■ 46.7104, 58.5729,
87.0732

■ 1.9107, 3.2600,
7.5571

■ 63.7516, 78.6072,
113.6571

■ 0.5831, 1.2689,
3.7292

■ 84.5026, 102.7567,
145.1659

■ 0.0000, 0.1169,
1.4780

■ 109.3289,
131.4057, 182.0184

■ 0.0000, 0.0000,
0.2014

■ 138.5957,

■ 0.0000, 0.0000,

164.9388, 224.6329

0.0000

172.6684,
203.7402, 273.4280

■ 14.1926, 19.3172,
32.6863

■ 14.1926, 19.3172,
32.6863

■ 14.1925, 19.3169,
32.6866

■ 14.6446, 19.9231,
32.7798

■ 15.2470, 20.6125,
32.8811

■ 16.0685, 21.4212,
32.9939

■ 17.1361, 22.3631,
33.1195

■ 18.4729, 23.4503,
33.2588

■ 20.0995, 24.6933,
33.4130

■ 22.0342, 26.1015,
33.5829

■ 24.2939, 27.6839,
33.7692

■ 26.8944, 29.4484,
33.9727

Harmonies

Analogous

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



13.2564, 19.3172, 23.2714



14.1926, 19.3172, 32.6863



16.2661, 19.3172, 40.0924

Triad

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



14.1926, 19.3172, 32.6863



24.1694, 19.3172, 27.9126



17.6154, 19.3172, 8.6197

Complementary

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



14.1926, 19.3172, 32.6863



13.1659, 7.1089, 0.6789

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.



20.6272, 19.3172, 9.2368



14.1926, 19.3172, 32.6863



24.6306, 19.3172, 18.9432

Square

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



14.1926, 19.3172, 32.6863



22.0736, 19.3172, 36.8578



23.2734, 19.3172, 12.5423



15.0889, 19.3172, 10.5438

Rectangle

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



14.1926, 19.3172, 32.6863



18.1213, 19.3172, 42.0003



23.2734, 19.3172, 12.5423



18.6017, 19.3172, 8.5487

Sweetspot

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



14.1932, 19.3179, 32.6868



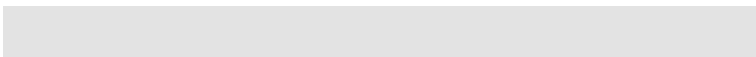
38.6714, 45.9137, 59.2577



11.3359, 22.4998, 4.3073



8.4764, 10.2100, 13.4415



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



14.1932, 19.3179, 32.6868



24.9656, 33.9253, 57.6661



7.1952, 5.3218, 30.3541



6.3221, 6.9016, 7.9279



11.9147, 16.2260, 27.4117



0.1935, 0.2733, 0.4149

Inverse Universe

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



17.2525, 8.3973, 23.2665



30.4082, 14.8036, 40.8384



16.9291, 14.6354, 1.9334



6.4297, 6.3110, 7.6430



14.4727, 7.0433, 19.5463



0.2241, 0.1084, 0.3331

Previews

White Background



This preview shows how the XYZ color 14.1926, 19.3172, 32.6863 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 14.1926, 19.3172, 32.6863 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 14.1926, 19.3172, 32.6863

Background



This preview shows how black text looks on a background with the XYZ color 14.1926, 19.3172, 32.6863.

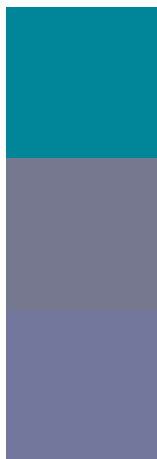


This preview shows how white text looks on a background with the XYZ color 14.1926, 19.3172,

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

14.1926, 19.3172, 32.6863

Protanopia

18.9351, 19.1678, 28.2930

Deuteranopia

19.5835, 19.2050, 33.6851



Tritanopia

13.8523, 19.4033, 30.2092

Trichromacy



Original Color

14.1926, 19.3172, 32.6863

Protanomaly

15.3460, 18.1984, 29.8980

Deuteranomaly

15.7880, 18.1649, 33.2459

Tritanomaly

14.0093, 19.4661, 31.0359

Monochromacy



Original Color

14.1926, 19.3172, 32.6863

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.6528, 13.4049, 18.5489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1926, 19.3172, 32.6863 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, 134, 152)` looks like.

```
.text, #text, p{  
    color:rgb(0, 134, 152)  
}
```

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, 134, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 134, 152) }
```

Border

The CSS property to change the border of an element to XYZ 14.1926, 19.3172, 32.6863 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, 134, 152) }
```


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

```
.border{ border-color:rgb(0, 134, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 134, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 134, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 134, 152);  
box-shadow:4px 4px 4px 4px rgb(0, 134,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1926, 19.3172, 32.6863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 134, 152) }
```

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

```
.background{ background-color: rgb(0, 134,  
152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor