

Converting Colors

XYZ(13.9236, 19.4518, 29.6092)

Have a look what the booklet for
XYZ(13.9236, 19.4518, 29.6092)
contains.

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Color

**XYZ(13.9559, 19.4656,
29.8098)**

Conversions

Conversions Part 1

Format	Color
Hex	0E8791
RGB	14, 135, 145
RGB Percent	5%, 53%, 57%
CMY	0.9450, 0.4706, 0.4314
CMYK	0.90, 0.07, 0.00, 0.43
HSL	185°, 82%, 31%
HSV	185°, 90%, 57%
XYZ	13.9559, 19.4656, 29.8098
YIQ	99.9610, -75.3260, -22.5420

Conversions

Conversions Part 2

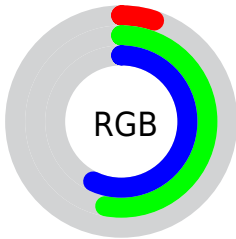
Format	Color
RYB	14, 77, 145
Decimal	952209
CIELab	51.23, -25.99, -13.96
CIELCh	51, 29.503, 208.233
Yxy	19.4656, 0.2207, 0.3078
Android (android.graphics.Color)	4279142289 (0xFF0E8791)
YUV	99.9610, 22.2042, -75.3878
Hunter-Lab	44.1198, -20.7469, -9.1757

Details

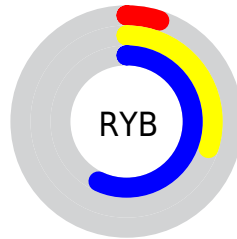
The XYZ color **13.9559, 19.4656, 29.8098** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.0836, 6.7056, 1.0735**, and the grayscale version is **12.0637, 12.6919, 13.8215**.

A 20% lighter version of the original color is **32.7228, 42.6924, 60.5486**, and **5.3141, 7.3232, 11.9599** is the 20% darker color. If you saturate the color by 10%, you get **13.6266, 19.0757, 29.7523**, and if you desaturate by 10%, it is **14.4236, 19.9376, 29.8766**.

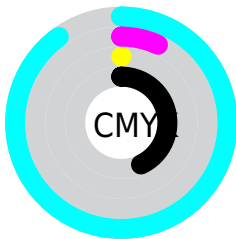
Distribution



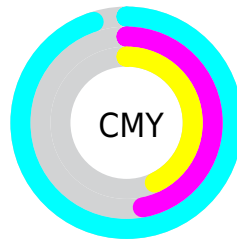
- Red (5%)
- Green (53%)
- Blue (57%)



- Red (5%)
- Yellow (30%)
- Blue (57%)



- Cyan (90%)
- Magenta (7%)
- Yellow (0%)
- Black (43%)



- Cyan (95%)
- Magenta (47%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9559, 19.4656, 29.8098 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 13.9559, 19.4656, 29.8098 by changing the saturation by 10% instead.

■ 13.9559, 19.4656,
29.8098

■ 13.9559, 19.4656,
29.8098

■ 210.4724,
249.0072, 315.1965

■ 8.1715, 12.0072,
19.4434

■ 32.5977, 42.5194,
60.4187

■ 4.2576, 6.7486,
11.8111

■ 46.1858, 58.8836,
81.4983

■ 1.8489, 3.3054,
6.4942

■ 63.1058, 78.9851,
106.9861

■ 0.5469, 1.2932,
3.0742

■ 83.7231, 103.2084,
137.3006

■ 0.0000, 0.1359,
1.1327

■ 108.4031,
131.9379, 172.8604

■ 0.0000, 0.0000,
0.0000

■ 137.5110,

165.5579, 214.0839

171.4124,
204.4529, 261.3898

■ 13.9559, 19.4656,
29.8098

■ 13.9559, 19.4656,
29.8098

■ 13.6266, 19.0757,
29.7523

■ 14.4236, 19.9376,
29.8766

■ 15.0843, 20.5110,
29.9525

■ 15.9628, 21.1992,
30.0390

■ 17.0797, 22.0126,
30.1372

■ 18.4532, 22.9608,
30.2478

■ 20.0998, 24.0522,
30.3716

■ 22.0345, 25.2945,
30.5095

■ 24.2713, 26.6949,
30.6619

■ 26.8232, 28.2603,
30.8295

Harmonies

Analogous

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



13.4083, 19.4656, 20.6996



13.9559, 19.4656, 29.8098



15.6830, 19.4656, 38.1472

Triad

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



13.9559, 19.4656, 29.8098



23.7339, 19.4656, 30.9081



18.6763, 19.4656, 8.7846

Complementary

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



13.9559, 19.4656, 29.8098



12.0836, 6.7056, 1.0735

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.



21.6389, 19.4656, 10.1977



13.9559, 19.4656, 29.8098



24.7442, 19.4656, 21.6977

Square

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



13.9559, 19.4656, 29.8098



21.3056, 19.4656, 38.8904



23.9403, 19.4656, 14.4234



15.9548, 19.4656, 9.8944

Rectangle

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



13.9559, 19.4656, 29.8098



17.3728, 19.4656, 41.3152



23.9403, 19.4656, 14.4234



19.6780, 19.4656, 8.9707

Sweetspot

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



13.9565, 19.4663, 29.8103



36.9022, 43.6619, 54.4562



10.4591, 20.4055, 4.1849



7.9918, 9.5719, 12.0985



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.



13.9565, 19.4663, 29.8103



24.3458, 34.0472, 53.2622



7.5314, 6.6160, 27.6686



5.5255, 6.0469, 6.9047



11.6962, 16.3784, 25.5220



0.1186, 0.1702, 0.2463

Inverse Universe

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



16.2078, 8.0837, 23.6284



28.5807, 13.8480, 41.3617



15.2662, 13.0708, 2.1344



5.6087, 5.5040, 6.7036



13.7068, 6.6397, 19.9052



0.1345, 0.0649, 0.2083

Previews

White Background



This preview shows how the XYZ color 13.9559, 19.4656, 29.8098 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 13.9559, 19.4656, 29.8098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

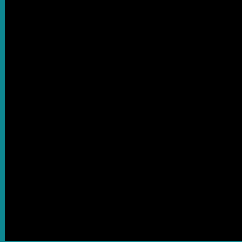
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 13.9559, 19.4656, 29.8098

Background



This preview shows how black text looks on a background with the XYZ color 13.9559, 19.4656, 29.8098.

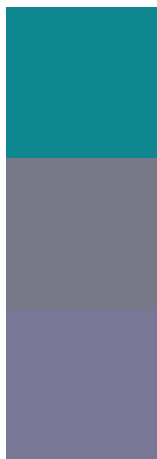


This preview shows how white text looks on a background with the XYZ color 13.9559, 19.4656,

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

13.9559, 19.4656, 29.8098

Protanopia

18.8891, 19.3743, 26.0366

Deuteranopia

19.7674, 19.3566, 31.1281



Tritanopia

14.0660, 19.5134, 30.2192

Trichromacy



Original Color

13.9559, 19.4656, 29.8098

Protanomaly

15.5144, 18.5351, 27.1860

Deuteranomaly

16.0723, 18.5547, 30.7513

Tritanomaly

14.0493, 19.5048, 30.2185

Monochromacy



Original Color

13.9559, 19.4656, 29.8098

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.5118, 14.3364, 18.6835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9559, 19.4656, 29.8098 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(14, 135, 145)` looks like.

```
.text, #text, p{  
    color:rgb(14, 135, 145)  
}
```

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(14, 135, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 135, 145) }
```

Border

The CSS property to change the border of an element to XYZ 13.9559, 19.4656, 29.8098 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(14, 135, 145) }
```


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

```
.border{ border-color:rgb(14, 135, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 135, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 135, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 135, 145);  
box-shadow:4px 4px 4px 4px rgb(14, 135,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9559, 19.4656, 29.8098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 135, 145) }
```

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

```
.background{ background-color: rgb(14, 135,  
145) }
```

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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