

Converting Colors

XYZ(11.6328, 18.4406, 26.2509)

Have a look what the booklet for
XYZ(11.6328, 18.4406, 26.2509)
contains.

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Color

**XYZ(13.1079, 19.1055,
26.2894)**

Conversions

Conversions Part 1

Format	Color
Hex	008788
RGB	0, 135, 136
RGB Percent	0%, 53%, 53%
CMY	0.9999, 0.4706, 0.4667
CMYK	1.00, 0.01, 0.00, 0.47
HSL	180°, 100%, 27%
HSV	180°, 100%, 53%
XYZ	13.1079, 19.1055, 26.2894
YIQ	94.7490, -80.7810, -28.3090

Conversions

Conversions Part 2

Format	Color
RYB	0, 68, 136
Decimal	34696
CIELab	50.81, -29.65, -9.35
CIELCh	51, 31.089, 197.499
Yxy	19.1055, 0.2241, 0.3266
Android (android.graphics.Color)	4278224776 (0xFF008788)
YUV	94.7490, 20.3367, -83.0949
Hunter-Lab	43.7098, -22.9628, -5.0632

Details

The XYZ color **13.1079, 19.1055, 26.2894** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **10.1646, 5.2565, 0.4794**, and the grayscale version is **10.7856, 11.3473, 12.3572**.

A 20% lighter version of the original color is **31.1292, 42.0006, 54.6104**, and **4.9282, 7.1689, 9.9281** is the 20% darker color. If you saturate the color by 10%, you get **13.1082, 19.1060, 26.2898**, and if you desaturate by 10%, it is **13.2974, 19.2243, 26.3027**.

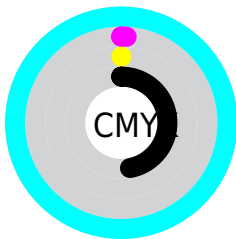
Distribution



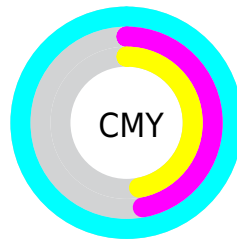
- Red (0%)
- Green (53%)
- Blue (53%)



- Red (0%)
- Yellow (27%)
- Blue (53%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.1079, 19.1055, 26.2894 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 13.1079, 19.1055, 26.2894 by changing the saturation by 10% instead.

■ 13.1079, 19.1055,
26.2894

■ 13.1079, 19.1055,
26.2894

205.2317,
247.0306, 297.8504

■ 7.5804, 11.7465,
16.8126

■ 31.0972, 41.9123,
54.7313

■ 3.8772, 6.5713,
9.9404

■ 44.2896, 58.1289,
74.5334

■ 1.6329, 3.1955,
5.2544

■ 60.7678, 78.0669,
98.6143

■ 0.4137, 1.2346,
2.3359

■ 80.8970, 102.1106,
127.3926

■ 0.0000, 0.0897,
0.7512

■ 105.0427,
130.6444, 161.2868

■ 0.0000, 0.0000,
0.0000

■ 133.5701,

164.0527, 200.7155

166.8447,
202.7200, 246.0972

■ 13.1079, 19.1055,
26.2894

■ 13.1079, 19.1055,
26.2894

■ 13.1082, 19.1060,
26.2898

■ 13.2974, 19.2243,
26.3027

■ 13.5940, 19.3979,
26.3206

■ 14.0574, 19.6576,
26.3463

■ 14.7081, 20.0138,
26.3807

■ 15.5634, 20.4755,
26.4248

■ 16.6388, 21.0507,
26.4791

■ 17.9484, 21.7466,
26.5444

■ 19.5048, 22.5698,
26.6213

■ 21.3199, 23.5264,
26.7103

Harmonies

Analogous

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



13.0014, 19.1055, 17.3657



13.1079, 19.1055, 26.2894



14.4686, 19.1055, 35.8554

Triad

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



13.1079, 19.1055, 26.2894



22.8495, 19.1055, 34.3829



19.4622, 19.1055, 8.3110

Complementary

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



13.1079, 19.1055, 26.2894



10.1646, 5.2565, 0.4794

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.



22.4294, 19.1055, 10.6917



13.1079, 19.1055, 26.2894



24.5274, 19.1055, 24.6655

Square

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



13.1079, 19.1055, 26.2894



19.9857, 19.1055, 41.3559



24.3655, 19.1055, 16.1379



16.4476, 19.1055, 8.5189

Rectangle

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



13.1079, 19.1055, 26.2894



16.0002, 19.1055, 40.5661



24.3655, 19.1055, 16.1379



20.5042, 19.1055, 8.7992

Sweetspot

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



13.1085, 19.1062, 26.2899



31.4632, 38.2350, 46.7702



8.8046, 17.6087, 2.9353



7.0814, 8.7459, 10.8212



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



13.1085, 19.1062, 26.2899



23.0949, 33.6594, 46.3280



6.5120, 5.9132, 24.0910



5.1697, 5.6824, 6.4302



12.4067, 18.0837, 24.8823



0.0829, 0.1211, 0.1655

Inverse Universe

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



14.5270, 6.9841, 23.5048



25.5974, 12.3060, 41.4074



12.2213, 9.3698, 1.1650



5.2323, 5.1284, 6.3117



13.7491, 6.6098, 22.2470



0.0916, 0.0440, 0.1490

Previews

White Background



This preview shows how the XYZ color 13.1079, 19.1055, 26.2894 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 13.1079, 19.1055, 26.2894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

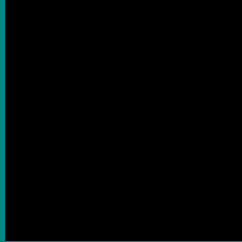
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 13.1079, 19.1055, 26.2894

Background



This preview shows how black text looks on a background with the XYZ color 13.1079, 19.1055, 26.2894.



This preview shows how white text looks on a background with the XYZ color 13.1079, 19.1055,

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

13.1079, 19.1055, 26.2894

Protanopia

18.4324, 19.0302, 22.7804

Deuteranopia

19.3804, 19.0613, 27.4687



Tritanopia

13.9893, 19.2767, 29.7715

Trichromacy



Original Color

13.1079, 19.1055, 26.2894

Protanomaly

14.4234, 17.8567, 23.8056

Deuteranomaly

15.0097, 17.8991, 27.0899

Tritanomaly

13.6046, 19.1047, 28.5617

Monochromacy



Original Color

13.1079, 19.1055, 26.2894

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.2539, 13.2383, 16.7667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1079, 19.1055, 26.2894 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, 135, 136)` looks like.

```
.text, #text, p{  
    color:rgb(0, 135, 136)  
}
```

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, 135, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 135, 136) }
```

Border

The CSS property to change the border of an element to XYZ 13.1079, 19.1055, 26.2894 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, 135, 136) }
```


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

```
.border{ border-color:rgb(0, 135, 136) }
```

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

Here you see how a box with a 4 pixel rgb(0, 135, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 135, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 135, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 135,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1079, 19.1055, 26.2894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 135, 136) }
```

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

```
.background{ background-color: rgb(0, 135,  
136) }
```

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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