

Converting Colors

XYZ(5.5524, 19.4120, 33.5986)

Have a look what the booklet for
XYZ(5.5524, 19.4120, 33.5986)
contains.

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Color

**XYZ(17.3054, 25.4111,
34.1297)**

Conversions

Conversions Part 1

Format	Color
Hex	009A99
RGB	0, 154, 153
RGB Percent	0%, 60%, 60%
CMY	0.9999, 0.3961, 0.4000
CMYK	1.00, 0.00, 0.01, 0.40
HSL	180°, 100%, 30%
HSV	180°, 100%, 60%
XYZ	17.3054, 25.4111, 34.1297
YIQ	107.8400, -91.4630, -32.9590

Conversions

Conversions Part 2

Format	Color
RYB	0, 77, 154
Decimal	39577
CIELab	57.47, -33.31, -9.18
CIELCh	57, 34.549, 195.409
Yxy	25.4111, 0.2252, 0.3307
Android (android.graphics.Color)	4278229657 (0xFF009A99)
YUV	107.8400, 22.2639, -94.5757
Hunter-Lab	50.4094, -26.9380, -4.8557

Details

The XYZ color **17.3054, 25.4111, 34.1297** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **13.3328, 6.8731, 0.6535**, and the grayscale version is **14.1697, 14.9076, 16.2344**.

A 20% lighter version of the original color is **38.3773, 52.3301, 67.1095**, and **7.1496, 10.4621, 14.2129** is the 20% darker color. If you saturate the color by 10%, you get **17.3058, 25.4119, 34.1302**, and if you desaturate by 10%, it is **17.5181, 25.5204, 34.1834**.

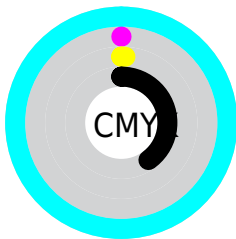
Distribution



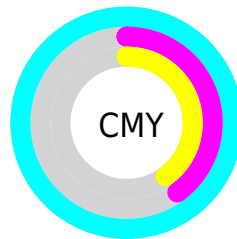
- Red (0%)
- Green (60%)
- Blue (60%)



- Red (0%)
- Yellow (30%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3054, 25.4111, 34.1297 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 17.3054, 25.4111, 34.1297 by changing the saturation by 10% instead.

■ 17.3054, 25.4111,
34.1297

■ 17.3054, 25.4111,
34.1297

■ 230.0483,
279.8791, 335.4968

■ 10.5491, 16.3836,
22.7151

■ 38.3896, 52.3234,
67.2715

■ 5.8296, 9.7960,
14.1800

■ 53.4481, 70.9769,
89.8358

■ 2.7814, 5.2639,
8.1058

■ 72.0049, 93.6080,
116.9537

■ 1.0392, 2.4029,
4.0740

■ 94.4251, 120.6009,
149.0438

■ 0.0000, 0.8274,
1.6660

■ 121.0743,
152.3400, 186.5246

■ 0.0000, 0.0000,
0.3373

■ 152.3176,

■ 0.0000, 0.0000,

189.2099, 229.8147

0.0000

188.5205,
231.5948, 279.3326

■ 17.3054, 25.4111,
34.1297

■ 17.3054, 25.4111,
34.1297

■ 17.3058, 25.4119,
34.1302

■ 17.5181, 25.5204,
34.1834

■ 17.8823, 25.7071,
34.2437

■ 18.4677, 26.0080,
34.3144

■ 19.3024, 26.4373,
34.3967

■ 20.4102, 27.0075,
34.4919

■ 21.8123, 27.7293,
34.6009

■ 23.5276, 28.6126,
34.7246

■ 25.5736, 29.6664,
34.8638

■ 27.9664, 30.8990,
35.0193

Harmonies

Analogous

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



17.2820, 25.4111, 22.3481



17.3054, 25.4111, 34.1297



19.0173, 25.4111, 47.1234

Triad

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



17.3054, 25.4111, 34.1297



30.2302, 25.4111, 46.7986



26.1991, 25.4111, 11.0340

Complementary

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



17.3054, 25.4111, 34.1297



13.3328, 6.8731, 0.6535

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.



30.1377, 25.4111, 14.4755



17.3054, 25.4111, 34.1297



32.6381, 25.4111, 33.7723

Square

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



17.3054, 25.4111, 34.1297



26.3142, 25.4111, 55.7339



32.6025, 25.4111, 22.0788



22.1125, 25.4111, 11.0793

Rectangle

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



17.3054, 25.4111, 34.1297



21.0101, 25.4111, 53.7800



32.6025, 25.4111, 22.0788



27.5935, 25.4111, 11.7665

Sweetspot

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



17.3062, 25.4120, 34.1303



42.5281, 51.8672, 63.0634



11.5886, 23.1287, 3.8543



9.3364, 11.5907, 14.2535



74.8435, 78.7412, 85.7492



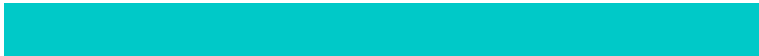
12.6291, 13.2868, 14.4694

Same Dimension

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



17.3062, 25.4120, 34.1303



31.4334, 46.1601, 61.9826



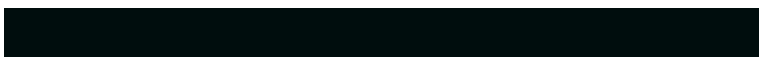
8.6714, 8.0096, 31.6618



6.3829, 7.0259, 7.9396



14.0996, 20.7033, 27.8088



0.2113, 0.3097, 0.4183

Inverse Universe

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



13.3328, 6.8731, 0.6535



24.2157, 12.4828, 1.1707



15.8059, 11.8280, 1.4508



6.2103, 6.2233, 6.4878



10.8624, 5.5992, 0.5344



0.1628, 0.0839, 0.0100

Previews

White Background



This preview shows how the XYZ color 17.3054, 25.4111, 34.1297 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 17.3054, 25.4111, 34.1297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

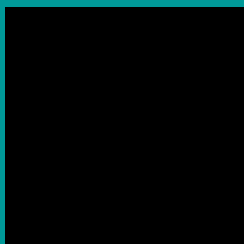
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

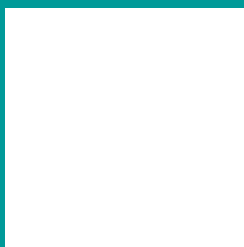
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3054, 25.4111, 34.1297

Background



This preview shows how black text looks on a background with the XYZ color 17.3054, 25.4111, 34.1297.

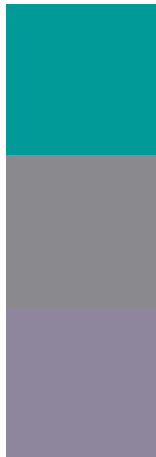


This preview shows how white text looks on a background with the XYZ color 17.3054, 25.4111,

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

17.3054, 25.4111, 34.1297

Protanopia

24.3094, 25.2476, 29.1832

Deuteranopia

25.5954, 25.1472, 35.4032



Tritanopia

18.5265, 25.4343, 39.5302

Trichromacy



Original Color

17.3054, 25.4111, 34.1297

Protanomaly

19.0353, 23.7950, 30.7837

Deuteranomaly

19.7421, 23.6237, 34.9718

Tritanomaly

18.0737, 25.4843, 37.6846

Monochromacy



Original Color

17.3054, 25.4111, 34.1297

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.4259, 17.3877, 21.7173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3054, 25.4111, 34.1297 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, 154, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 154, 153)  
}
```

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, 154, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 154, 153) }
```

Border

The CSS property to change the border of an element to XYZ 17.3054, 25.4111, 34.1297 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, 154, 153) }
```


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

```
.border{ border-color:rgb(0, 154, 153) }
```

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

Here you see how a box with a 4 pixel rgb(0, 154, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 154, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 154, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 154,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3054, 25.4111, 34.1297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 154, 153) }
```

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

```
.background{ background-color: rgb(0, 154,  
153) }
```

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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