

Converting Colors

XYZ(17.2494, 24.4983, 36.5802)

Have a look what the booklet for
XYZ(17.2494, 24.4983, 36.5802)
contains.

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Color

**XYZ(17.3246, 24.6364,
36.6431)**

Conversions

Conversions Part 1

Format	Color
Hex	00979F
RGB	0, 151, 159
RGB Percent	0%, 59%, 62%
CMY	0.9999, 0.4078, 0.3765
CMYK	1.00, 0.05, 0.00, 0.38
HSL	183°, 100%, 31%
HSV	183°, 100%, 62%
XYZ	17.3246, 24.6364, 36.6431
YIQ	106.7630, -92.5640, -29.5240

Conversions

Conversions Part 2

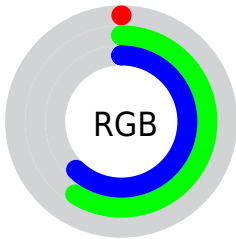
Format	Color
RYB	0, 77, 159
Decimal	38815
CIELab	56.72, -29.95, -13.74
CIElCh	57, 32.951, 204.638
Yxy	24.6364, 0.2204, 0.3134
Android (android.graphics.Color)	4278228895 (0xFF00979F)
YUV	106.7630, 25.7528, -93.6312
Hunter-Lab	49.6351, -24.5578, -9.0263

Details

The XYZ color **17.3246, 24.6364, 36.6431** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **14.3855, 7.5453, 0.6989**, and the grayscale version is **13.8613, 14.5832, 15.8811**.

A 20% lighter version of the original color is **38.5233, 51.2218, 71.4747**, and **7.1686, 10.0064, 15.7410** is the 20% darker color. If you saturate the color by 10%, you get **17.3248, 24.6367, 36.6436**, and if you desaturate by 10%, it is **17.6667, 25.0050, 36.6967**.

Distribution



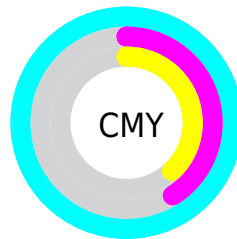
- Red (0%)
- Green (59%)
- Blue (62%)



- Red (0%)
- Yellow (30%)
- Blue (62%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3246, 24.6364, 36.6431 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 17.3246, 24.6364, 36.6431 by changing the saturation by 10% instead.

■ 17.3246, 24.6364,
36.6431

■ 17.3246, 24.6364,
36.6431

230.1560,
276.0223, 346.8848

■ 10.5629, 15.8064,
24.6377

■ 38.4222, 51.0667,
71.2037

■ 5.8389, 9.3872,
15.5907

■ 53.4889, 69.4358,
94.5960

■ 2.7871, 4.9946,
9.0838

■ 72.0546, 91.7534,
122.6209

■ 1.0422, 2.2441,
4.6983

■ 94.4846, 118.4039,
155.6971

■ 0.0000, 0.7439,
2.0158

■ 121.1445,
149.7716, 194.2430

■ 0.0000, 0.0000,
0.5649

■ 152.3994,

■ 0.0000, 0.0000,

186.2410, 238.6772

0.0000

188.6148,
228.1964, 289.4183

■ 17.3246, 24.6364,
36.6431

■ 17.3246, 24.6364,
36.6431

■ 17.3248, 24.6367,
36.6436

■ 17.6667, 25.0050,
36.6967

■ 18.1746, 25.4600,
36.7577

■ 18.9213, 26.0393,
36.8302

■ 19.9372, 26.7587,
36.9155

■ 21.2482, 27.6316,
37.0149

■ 22.8771, 28.6696,
37.1294

■ 24.8446, 29.8835,
37.2600

■ 27.1694, 31.2830,
37.4076

■ 29.8691, 32.8770,
37.5730

Harmonies

Analogous

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



16.8063, 24.6364, 24.8966



17.3246, 24.6364, 36.6431



19.3970, 24.6364, 48.0334

Triad

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



17.3246, 24.6364, 36.6431



29.9697, 24.6364, 41.0211



24.1131, 24.6364, 10.7970

Complementary

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



17.3246, 24.6364, 36.6431



14.3855, 7.5453, 0.6989

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.



27.9554, 24.6364, 13.0096



17.3246, 24.6364, 36.6431



31.5651, 24.6364, 28.8502

Square

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



17.3246, 24.6364, 36.6431



26.6317, 24.6364, 51.0071



30.7905, 24.6364, 18.9386



20.4705, 24.6364, 11.8273

Rectangle

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



17.3246, 24.6364, 36.6431



21.5138, 24.6364, 52.8238



30.7905, 24.6364, 18.9386



25.4275, 24.6364, 11.1625

Sweetspot

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



17.3254, 24.6373, 36.6437



44.2697, 53.3814, 66.7138



12.4423, 24.8143, 4.3628



9.6516, 11.8331, 15.0190



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.3254, 24.6373, 36.6437



30.9830, 44.0339, 65.6099



8.5477, 7.0820, 33.7178



6.7932, 7.4523, 8.4871



13.6928, 19.4772, 28.9450



0.2526, 0.3639, 0.5201

Inverse Universe

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



19.8846, 9.6060, 30.0852



35.5883, 17.1934, 53.7614



17.7442, 14.2625, 1.8185



6.8897, 6.7488, 8.2705



15.7097, 7.5884, 23.7861



0.2848, 0.1373, 0.4461

Previews

White Background



This preview shows how the XYZ color 17.3246, 24.6364, 36.6431 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 17.3246, 24.6364, 36.6431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

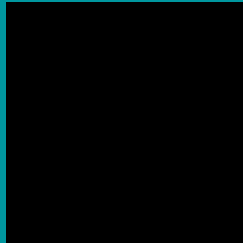
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.3246, 24.6364, 36.6431

Background



This preview shows how black text looks on a background with the XYZ color 17.3246, 24.6364, 36.6431.

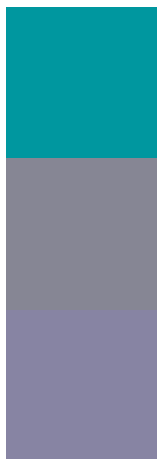


This preview shows how white text looks on a background with the XYZ color 17.3246, 24.6364,

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

17.3246, 24.6364, 36.6431

Protanopia

23.7019, 24.2566, 31.4497

Deuteranopia

24.8538, 24.2978, 38.0303



Tritanopia

17.7484, 24.5762, 38.4586

Trichromacy



Original Color

17.3246, 24.6364, 36.6431

Protanomaly

18.7919, 22.9545, 33.1460

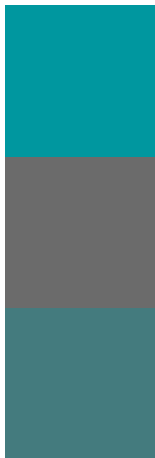
Deuteranomaly

19.5920, 23.0523, 37.5994

Tritanomaly

17.5659, 24.4925, 37.9841

Monochromacy



Original Color

17.3246, 24.6364, 36.6431

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.2328, 16.9012, 22.3035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3246, 24.6364, 36.6431 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, 151, 159)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 159)  
}
```

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, 151, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 159) }
```

Border

The CSS property to change the border of an element to XYZ 17.3246, 24.6364, 36.6431 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, 151, 159) }
```


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

```
.border{ border-color:rgb(0, 151, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 151, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 159);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3246, 24.6364, 36.6431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 159) }
```

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

```
.background{ background-color: rgb(0, 151,  
159) }
```

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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