

Converting Colors

XYZ(11.1354, 22.1357, 43.8980)

Have a look what the booklet for
XYZ(11.1354, 22.1357, 43.8980)
contains.

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Color

**XYZ(19.3613, 26.4987,
44.1387)**

Conversions

Conversions Part 1

Format	Color
Hex	009BAE
RGB	0, 155, 174
RGB Percent	0%, 61%, 68%
CMY	0.9999, 0.3921, 0.3176
CMYK	1.00, 0.11, 0.00, 0.32
HSL	187°, 100%, 34%
HSV	187°, 100%, 68%
XYZ	19.3613, 26.4987, 44.1387
YIQ	110.8210, -98.4790, -26.9510

Conversions

Conversions Part 2

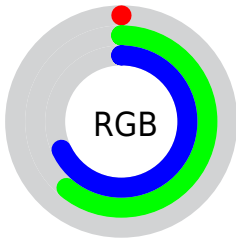
Format	Color
RYB	0, 82, 174
Decimal	39854
CIELab	58.51, -26.96, -19.56
CIELCh	59, 33.305, 215.961
Yxy	26.4987, 0.2151, 0.2944
Android (android.graphics.Color)	4278229934 (0xFF009BAE)
YUV	110.8210, 31.1472, -97.1900
Hunter-Lab	51.4769, -22.9478, -14.8042

Details

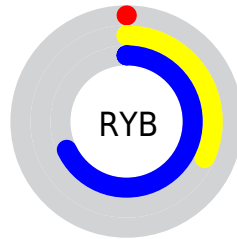
The XYZ color **19.3613, 26.4987, 44.1387** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **17.6893, 9.4655, 0.8955**, and the grayscale version is **14.9935, 15.7743, 17.1782**.

A 20% lighter version of the original color is **41.9456, 54.1860, 83.1111**, and **8.3631, 11.1056, 20.1152** is the 20% darker color. If you saturate the color by 10%, you get **19.3613, 26.4984, 44.1392**, and if you desaturate by 10%, it is **19.9195, 27.2601, 44.2568**.

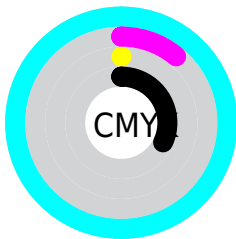
Distribution



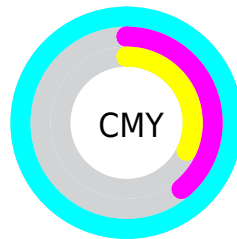
- Red (0%)
- Green (61%)
- Blue (68%)



- Red (0%)
- Yellow (32%)
- Blue (68%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (39%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3613, 26.4987, 44.1387 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 19.3613, 26.4987, 44.1387 by changing the saturation by 10% instead.

■ 19.3613, 26.4987,
44.1387

■ 19.3613, 26.4987,
44.1387

■ 241.3362,
285.2217, 379.3319

■ 12.0372, 17.1971,
30.4416

■ 41.8559, 54.0784,
82.7311

■ 6.8414, 10.3751,
19.9191

■ 57.7571, 73.1253,
108.4635

■ 3.4085, 5.6484,
12.1528

■ 77.2480, 96.1893,
139.0447

■ 1.3733, 2.6325,
6.7240

■ 100.6940,
123.6550, 174.8932

■ 0.2371, 0.9430,
3.2143

■ 128.4605,
155.9067, 216.4277

■ 0.0000, 0.0000,
1.2051

■ 160.9128,

■ 0.0000, 0.0000,

193.3288, 264.0666

0.0000

198.4162,
236.3056, 318.2285

■ 19.3613, 26.4987,
44.1387

■ 19.3613, 26.4987,
44.1387

■ 19.3613, 26.4984,
44.1392

■ 19.9195, 27.2601,
44.2568

■ 20.6916, 28.1388,
44.3857

■ 21.7611, 29.1782,
44.5299

■ 23.1660, 30.3980,
44.6913

■ 24.9390, 31.8151,
44.8714

■ 27.1086, 33.4442,
45.0715

■ 29.7007, 35.2986,
45.2928

■ 32.7389, 37.3907,
45.5365

■ 36.2448, 39.7315,
45.8035

Harmonies

Analogous

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



18.1690, 26.4987, 31.2463



19.3613, 26.4987, 44.1387



22.1272, 26.4987, 54.5827

Triad

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



19.3613, 26.4987, 44.1387



33.0415, 26.4987, 38.9937



24.3812, 26.4987, 11.7936

Complementary

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



19.3613, 26.4987, 44.1387



17.6893, 9.4655, 0.8955

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.



28.5150, 26.4987, 12.8276



19.3613, 26.4987, 44.1387



33.8111, 26.4987, 26.5844

Square

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



19.3613, 26.4987, 44.1387



30.0735, 26.4987, 51.0951



32.0759, 26.4987, 17.5790



20.8594, 26.4987, 14.2335

Rectangle

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



19.3613, 26.4987, 44.1387



24.6383, 26.4987, 57.5260



32.0759, 26.4987, 17.5790



25.7422, 26.4987, 11.7575

Sweetspot

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



19.3622, 26.4997, 44.1394



53.5956, 63.8325, 82.1330



15.2411, 30.3145, 5.5959



11.4630, 13.8692, 18.2172



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



19.3622, 26.4997, 44.1394



35.0177, 47.8622, 80.0296



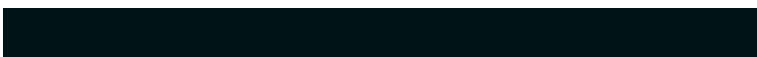
9.8068, 7.3888, 40.9542



8.1605, 8.9204, 10.2444



14.0692, 19.2723, 32.0229



0.4122, 0.5778, 0.8978

Inverse Universe

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



23.3727, 11.3660, 31.9733



42.3431, 20.5949, 57.7236



22.4478, 18.9826, 2.4817



8.2988, 8.1328, 9.8844



16.9651, 8.2486, 23.2596



0.4825, 0.2337, 0.7024

Previews

White Background



This preview shows how the XYZ color 19.3613, 26.4987, 44.1387 looks on a white background.

Color Contrast Check

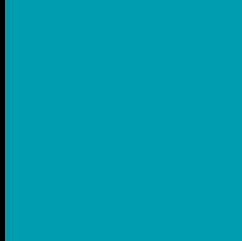
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3613, 26.4987, 44.1387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

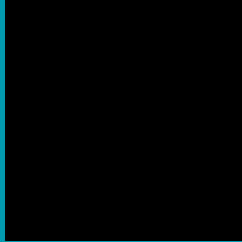
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.3613, 26.4987, 44.1387

Background



This preview shows how black text looks on a background with the XYZ color 19.3613, 26.4987, 44.1387.



This preview shows how white text looks on a background with the XYZ color 19.3613, 26.4987,

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

19.3613, 26.4987, 44.1387

Protanopia

25.8352, 26.2605, 38.3575

Deuteranopia

26.8131, 26.1740, 45.7584



Tritanopia

18.9564, 26.6041, 41.1818

Trichromacy



Original Color

19.3613, 26.4987, 44.1387

Protanomaly

20.9382, 25.0193, 40.2849

Deuteranomaly

21.6554, 25.0521, 45.2892

Tritanomaly

19.1442, 26.6792, 42.1708

Monochromacy



Original Color

19.3613, 26.4987, 44.1387

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.4910, 18.2396, 25.3111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3613, 26.4987, 44.1387 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, 155, 174)` looks like.

```
.text, #text, p{  
    color:rgb(0, 155, 174)  
}
```

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, 155, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 155, 174) }
```

Border

The CSS property to change the border of an element to XYZ 19.3613, 26.4987, 44.1387 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, 155, 174) }
```


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

```
.border{ border-color:rgb(0, 155, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 155, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 155, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 155, 174);  
box-shadow:4px 4px 4px 4px rgb(0, 155,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3613, 26.4987, 44.1387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 155, 174) }
```

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

```
.background{ background-color: rgb(0, 155,  
174) }
```

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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