

Converting Colors

XYZ(23.4374, 33.3052, 53.4560)

Have a look what the booklet for
XYZ(23.4374, 33.3052, 53.4560)
contains.

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Color

**XYZ(24.1289, 33.5613,
53.3504)**

Conversions

Conversions Part 1

Format	Color
Hex	00ADB8
RGB	0, 173, 189
RGB Percent	0%, 68%, 74%
CMY	0.9998, 0.3216, 0.2588
CMYK	1.00, 0.08, 0.00, 0.26
HSL	185°, 100%, 37%
HSV	185°, 100%, 74%
XYZ	24.1289, 33.5613, 53.3504
YIQ	123.0970, -108.2440, -31.7000

Conversions

Conversions Part 2

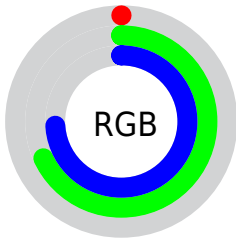
Format	Color
RYB	0, 90, 189
Decimal	44477
CIELab	64.61, -30.87, -18.68
CIELCh	65, 36.089, 211.181
Yxy	33.5613, 0.2173, 0.3022
Android (android.graphics.Color)	4278234557 (0xFF00ADBBD)
YUV	123.0970, 32.4902, -107.9561
Hunter-Lab	57.9321, -27.0354, -14.0484

Details

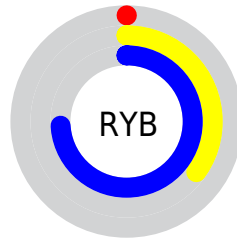
The XYZ color **24.1289, 33.5613, 53.3504** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **21.1726, 11.1907, 1.0452**, and the grayscale version is **18.7847, 19.7630, 21.5219**.

A 20% lighter version of the original color is **49.6463, 65.2838, 96.3706**, and **11.1604, 15.2105, 25.6403** is the 20% darker color. If you saturate the color by 10%, you get **24.1289, 33.5610, 53.3510**, and if you desaturate by 10%, it is **24.7056, 34.3175, 53.4666**.

Distribution



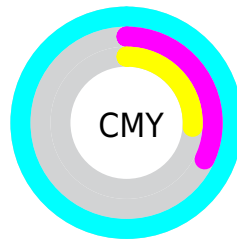
- Red (0%)
- Green (68%)
- Blue (74%)



- Red (0%)
- Yellow (35%)
- Blue (74%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (32%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1289, 33.5613, 53.3504 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 24.1289, 33.5613, 53.3504 by changing the saturation by 10% instead.

■ 24.1289, 33.5613,
53.3504

■ 24.1289, 33.5613,
53.3504

265.8999,
318.1714, 416.7324

■ 15.5545, 22.5568,
37.6929

■ 49.6936, 65.2509,
96.5665

■ 9.2983, 14.2666,
25.4445

■ 67.4146, 86.7047,
124.9623

■ 4.9949, 8.3063,
16.1865

■ 88.9153, 112.4105,
158.4412

■ 2.2790, 4.2916,
9.5004

■ 114.5609,
142.7525, 197.4219

■ 0.7839, 1.8380,
4.9678

■ 144.7168,
178.1152, 242.3228

■ 0.0000, 0.5107,
2.1699

179.7484,

■ 0.0000, 0.0000,

218.8830, 293.5625

0.6569

220.0209,
265.4403, 351.5595

■ 0.0000, 0.0000,
0.0000

■ 24.1289, 33.5613,
53.3504

■ 24.1289, 33.5613,
53.3504

■ 24.1289, 33.5610,
53.3510

■ 24.7056, 34.3175,
53.4666

■ 25.5440, 35.2135,
53.5954

■ 26.7392, 36.2989,
53.7419

■ 28.3384, 37.5980,
53.9083

■ 30.3816, 39.1316,
54.0967

■ 32.9040, 40.9178,
54.3085

■ 35.9372, 42.9729,
54.5453

■ 39.5101, 45.3117,
54.8084

■ 43.6494, 47.9482,
55.0992

Harmonies

Analogous

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



22.9581, 33.5613, 37.1326



24.1289, 33.5613, 53.3504



27.3438, 33.5613, 67.5862

Triad

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



24.1289, 33.5613, 53.3504



41.4237, 33.5613, 52.0529



31.6945, 33.5613, 14.8321

Complementary

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



24.1289, 33.5613, 53.3504



21.1726, 11.1907, 1.0452

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.



36.9339, 33.5613, 16.8462



24.1289, 33.5613, 53.3504



42.9037, 33.5613, 35.9588

Square

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



24.1289, 33.5613, 53.3504



37.3267, 33.5613, 66.7057



41.1803, 33.5613, 23.6972



27.0248, 33.5613, 17.1989

Rectangle

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



24.1289, 33.5613, 53.3504



30.3994, 33.5613, 72.5058



41.1803, 33.5613, 23.6972



33.4471, 33.5613, 15.0140

Sweetspot

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



24.1300, 33.5625, 53.3512



64.0683, 76.7674, 97.6670



18.2903, 36.4327, 6.5501



13.2647, 16.1641, 20.9634



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



24.1300, 33.5625, 53.3512



43.1264, 59.9313, 95.5211



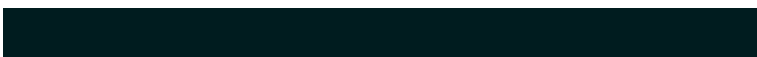
11.9656, 9.2337, 49.2964



9.7376, 10.6676, 12.2180



16.2620, 22.6357, 35.9049



0.6576, 0.9278, 1.4133

Inverse Universe

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



28.5300, 13.8370, 40.7035



51.0510, 24.7623, 72.6624



26.5915, 22.0286, 2.8515



9.8942, 9.6820, 11.8317



19.2091, 9.3148, 27.4582



0.7628, 0.3690, 1.1302

Previews

White Background



This preview shows how the XYZ color 24.1289, 33.5613, 53.3504 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 24.1289, 33.5613, 53.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

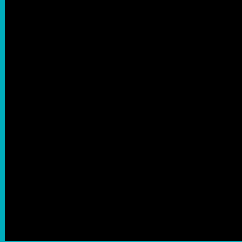
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

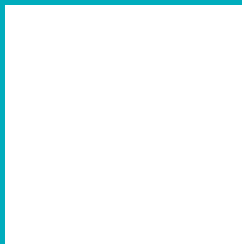
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1289, 33.5613, 53.3504

Background



This preview shows how black text looks on a background with the XYZ color 24.1289, 33.5613, 53.3504.

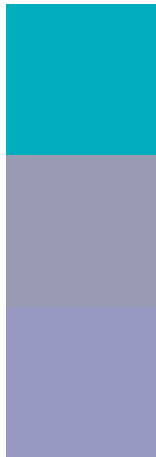


This preview shows how white text looks on a background with the XYZ color 24.1289, 33.5613,

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

24.1289, 33.5613, 53.3504

Protanopia

32.6061, 33.2924, 46.3025

Deuteranopia

34.0777, 33.3529, 55.6806



Tritanopia

23.9132, 33.4750, 52.2147

Trichromacy



Original Color

24.1289, 33.5613, 53.3504

Protanomaly

26.1906, 31.7182, 48.4579

Deuteranomaly

27.0150, 31.4888, 54.5233

Tritanomaly

24.0207, 33.5180, 52.7805

Monochromacy



Original Color

24.1289, 33.5613, 53.3504

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

17.9332, 22.7760, 31.0548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1289, 33.5613, 53.3504 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, 173, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 189)  
}
```

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, 173, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 189) }
```

Border

The CSS property to change the border of an element to XYZ 24.1289, 33.5613, 53.3504 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, 173, 189) }
```


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

```
.border{ border-color:rgb(0, 173, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 173, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1289, 33.5613, 53.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 189) }
```

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

```
.background{ background-color: rgb(0, 173,  
189) }
```

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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