

Converting Colors

XYZ(20.5820, 32.8714, 56.2659)

Have a look what the booklet for
XYZ(20.5820, 32.8714, 56.2659)
contains.

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Color

**XYZ(25.4597, 35.3393,
56.5182)**

Conversions

Conversions Part 1

Format	Color
Hex	00B1C2
RGB	0, 177, 194
RGB Percent	0%, 69%, 76%
CMY	0.9999, 0.3059, 0.2392
CMYK	1.00, 0.09, 0.00, 0.24
HSL	185°, 100%, 38%
HSV	185°, 100%, 76%
XYZ	25.4597, 35.3393, 56.5182
YIQ	126.0150, -110.9490, -32.2370

Conversions

Conversions Part 2

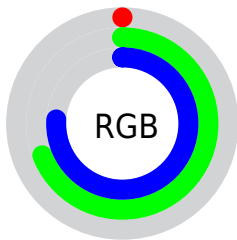
Format	Color
RYB	0, 93, 194
Decimal	45506
CIELab	66.01, -31.19, -19.33
CIELCh	66, 36.695, 211.794
Yxy	35.3393, 0.2170, 0.3012
Android (android.graphics.Color)	4278235586 (0xFF00B1C2)
YUV	126.0150, 33.5166, -110.5152
Hunter-Lab	59.4469, -27.5847, -14.7563

Details

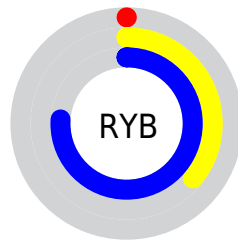
The XYZ color **25.4597, 35.3393, 56.5182** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **22.4496, 11.8716, 1.1093**, and the grayscale version is **19.7573, 20.7862, 22.6361**.

A 20% lighter version of the original color is **51.9183, 68.0096, 101.6576**, and **11.9413, 16.3088, 27.3295** is the 20% darker color. If you saturate the color by 10%, you get **25.4597, 35.3390, 56.5188**, and if you desaturate by 10%, it is **26.0755, 36.1591, 56.6447**.

Distribution



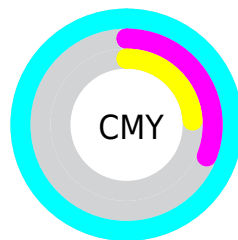
- Red (0%)
- Green (69%)
- Blue (76%)



- Red (0%)
- Yellow (36%)
- Blue (76%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4597, 35.3393, 56.5182 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 25.4597, 35.3393, 56.5182 by changing the saturation by 10% instead.

■ 25.4597, 35.3393,
56.5182

■ 25.4597, 35.3393,
56.5182

272.4252,
326.0635, 429.0845

■ 16.5504, 23.9244,
40.2118

■ 51.8396, 68.0111,
101.2552

■ 10.0078, 15.2775,
27.3887

■ 70.0409, 90.0367,
130.5228

■ 5.4664, 9.0144,
17.6303

■ 92.0702, 116.3680,
164.9479

■ 2.5610, 4.7506,
10.5182

■ 118.2930,
147.3893, 204.9490

■ 0.9261, 2.1017,
5.6338

■ 149.0745,
183.4852, 250.9447

■ 0.0000, 0.6656,
2.5586

184.7801,

■ 0.0000, 0.0000,

225.0399, 303.3535

0.8709

225.7753,
272.4378, 362.5939

■ 0.0000, 0.0000,
0.0000

■ 25.4597, 35.3393,
56.5182

■ 25.4597, 35.3393,
56.5182

■ 25.4597, 35.3390,
56.5188

■ 26.0755, 36.1591,
56.6447

■ 26.9710, 37.1287,
56.7846

■ 28.2456, 38.2999,
56.9435

■ 29.9497, 39.6989,
57.1237

■ 32.1261, 41.3475,
57.3272

■ 34.8122, 43.2653,
57.5558

■ 38.0418, 45.4697,
57.8111

■ 41.8458, 47.9764,
58.0944

■ 46.2525, 50.8004,
58.4073

Harmonies

Analogous

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



24.1812, 35.3393, 39.4239



25.4597, 35.3393, 56.5182



28.8836, 35.3393, 71.3760

Triad

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



25.4597, 35.3393, 56.5182



43.6759, 35.3393, 54.4453



33.2626, 35.3393, 15.6312

Complementary

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



25.4597, 35.3393, 56.5182



22.4496, 11.8716, 1.1093

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.



38.7794, 35.3393, 17.6560



25.4597, 35.3393, 56.5182



45.1662, 35.3393, 37.5483

Square

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



25.4597, 35.3393, 56.5182



39.4069, 35.3393, 69.9696



43.2870, 35.3393, 24.7548



28.3738, 35.3393, 18.2198

Rectangle

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



25.4597, 35.3393, 56.5182



32.1179, 35.3393, 76.3968



43.2870, 35.3393, 24.7548



35.1042, 35.3393, 15.7920

Sweetspot

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



25.4608, 35.3406, 56.5191



68.6075, 82.1682, 104.7138



19.3875, 38.6223, 6.9312



14.4508, 17.6060, 22.8866



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



25.4608, 35.3406, 56.5191



46.0296, 63.8319, 102.3646



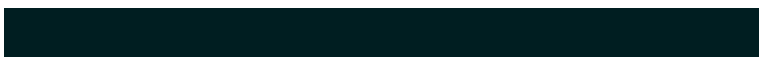
12.6699, 9.7588, 52.2554



10.2906, 11.2726, 12.9183



16.7693, 23.2951, 37.1692



0.7471, 1.0516, 1.6135

Inverse Universe

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



30.1849, 14.6447, 42.8320



54.6368, 26.5110, 77.3403



28.1742, 23.3207, 3.0175



10.4580, 10.2318, 12.5023



19.8603, 9.6339, 28.2403



0.8695, 0.4208, 1.2801

Previews

White Background



This preview shows how the XYZ color 25.4597, 35.3393, 56.5182 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 25.4597, 35.3393, 56.5182 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

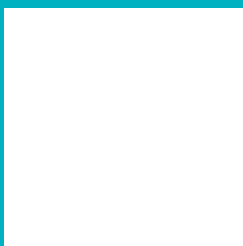
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4597, 35.3393, 56.5182

Background



This preview shows how black text looks on a background with the XYZ color 25.4597, 35.3393, 56.5182.

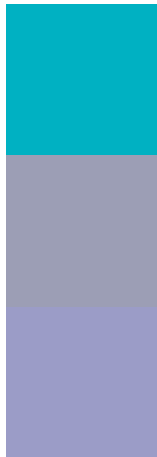


This preview shows how white text looks on a background with the XYZ color 25.4597, 35.3393,

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

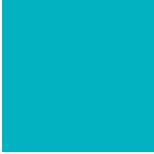
25.4597, 35.3393, 56.5182

Protanopia

34.2777, 34.8578, 48.6377

Deuteranopia

35.7148, 34.8690, 58.8808



Tritanopia

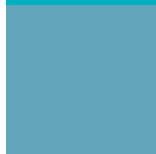
25.2366, 35.2501, 55.3430

Trichromacy



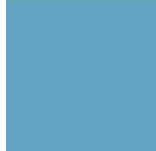
Original Color

25.4597, 35.3393, 56.5182



Protanomaly

27.4636, 33.1081, 51.3974



Deuteranomaly

28.4991, 33.2348, 57.7362



Tritanomaly

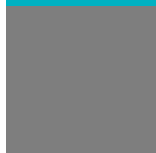
25.3478, 35.2945, 55.9286

Monochromacy



Original Color

25.4597, 35.3393, 56.5182



Achromatopsia

19.8309, 20.8637, 22.7206



Achromatomaly

19.0196, 24.1906, 32.9450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4597, 35.3393, 56.5182 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, 177, 194)` looks like.

```
.text, #text, p{  
    color:rgb(0, 177, 194)  
}
```

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, 177, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 177, 194) }
```

Border

The CSS property to change the border of an element to XYZ 25.4597, 35.3393, 56.5182 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, 177, 194) }
```


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

```
.border{ border-color:rgb(0, 177, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 177, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 177, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 177, 194);  
box-shadow:4px 4px 4px 4px rgb(0, 177,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4597, 35.3393, 56.5182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 177, 194) }
```

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

```
.background{ background-color: rgb(0, 177,  
194) }
```

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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