

Converting Colors

XYZ(20.3861, 32.6904, 55.6641)

Have a look what the booklet for
XYZ(20.3861, 32.6904, 55.6641)
contains.

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Color

**XYZ(25.3478, 35.2945,
55.9286)**

Conversions

Conversions Part 1

Format	Color
Hex	00B1C1
RGB	0, 177, 193
RGB Percent	0%, 69%, 76%
CMY	0.9998, 0.3059, 0.2431
CMYK	1.00, 0.08, 0.00, 0.24
HSL	185°, 100%, 38%
HSV	185°, 100%, 76%
XYZ	25.3478, 35.2945, 55.9286
YIQ	125.9010, -110.6280, -32.5480

Conversions

Conversions Part 2

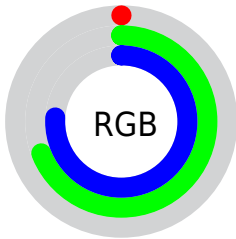
Format	Color
RYB	0, 92, 193
Decimal	45505
CIELab	65.98, -31.51, -18.83
CIELCh	66, 36.711, 210.863
Yxy	35.2945, 0.2174, 0.3028
Android (android.graphics.Color)	4278235585 (0xFF00B1C1)
YUV	125.9010, 33.0798, -110.4152
Hunter-Lab	59.4092, -27.8064, -14.2300

Details

The XYZ color **25.3478, 35.2945, 55.9286** 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 **22.1788, 11.7096, 1.0925**, and the grayscale version is **19.7207, 20.7477, 22.5942**.

A 20% lighter version of the original color is **51.6046, 67.8841, 100.0056**, and **11.8679, 16.2794, 26.9428** is the 20% darker color. If you saturate the color by 10%, you get **25.3476, 35.2940, 55.9292**, and if you desaturate by 10%, it is **25.9417, 36.0734, 56.0483**.

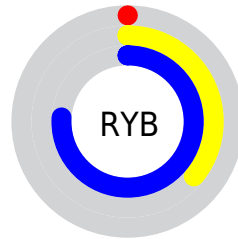
Distribution



Red (0%)

Green (69%)

Blue (76%)



Red (0%)

Yellow (36%)

Blue (76%)

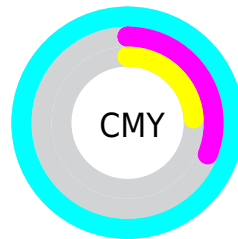


Cyan (100%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (100%)


Magenta (31%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3478, 35.2945, 55.9286 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 25.3478, 35.2945, 55.9286 by changing the saturation by 10% instead.


 25.3478, 35.2945,
55.9286


 25.3478, 35.2945,
55.9286

271.8814,
325.8663, 426.8031


 16.4665, 23.8898,
39.7421


 51.6597, 67.9417,
100.3849


 9.9478, 15.2519,
27.0252


 69.8211, 89.9531,
129.4918


 5.4263, 8.9964,
17.3596


 91.8064, 116.2688,
163.7425

 2.5368, 4.7388,
10.3265

 117.9812,
147.2732, 203.5557

 0.9139, 2.0948,
5.5076

 148.7107,
183.3508, 249.3498

 0.0000, 0.6617,
2.4841

184.3604,

 0.0000, 0.0000,

224.8859, 301.5434

0.8317

225.2955,
272.2630, 360.5550

■ 0.0000, 0.0000,
0.0000

■ 25.3478, 35.2945,
55.9286

■ 25.3478, 35.2945,
55.9286

■ 25.3476, 35.2940,
55.9292

■ 25.9417, 36.0734,
56.0483

■ 26.8113, 36.9992,
56.1812

■ 28.0552, 38.1235,
56.3326

■ 29.7230, 39.4719,
56.5050

■ 31.8570, 41.0662,
56.7003

■ 34.4942, 42.9255,
56.9201

■ 37.6678, 45.0670,
57.1662

■ 41.4084, 47.5064,
57.4399

■ 45.7440, 50.2582,
57.7426

Harmonies

Analogous

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



24.1402, 35.2945, 38.8826



25.3478, 35.2945, 55.9286



28.7087, 35.2945, 70.9676

Triad

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



25.3478, 35.2945, 55.9286



43.5329, 35.2945, 54.9312



33.3891, 35.2945, 15.5913

Complementary

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



25.3478, 35.2945, 55.9286



22.1788, 11.7096, 1.0925

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.



38.8991, 35.2945, 17.7594



25.3478, 35.2945, 55.9286



45.1246, 35.2945, 37.9804

Square

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



25.3478, 35.2945, 55.9286



39.2010, 35.2945, 70.2908



43.3458, 35.2945, 25.0243



28.4634, 35.2945, 18.0304

Rectangle

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



25.3478, 35.2945, 55.9286



31.9133, 35.2945, 76.2239



43.3458, 35.2945, 25.0243



35.2342, 35.2945, 15.7985

Sweetspot

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



25.3489, 35.2958, 55.9295



67.1588, 80.5130, 102.3612



19.1428, 38.1695, 6.7362



13.8682, 16.9118, 21.9187



92.9021, 97.7402, 106.4391



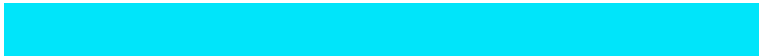
19.4759, 20.4902, 22.3138

Same Dimension

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



25.3489, 35.2958, 55.9295



45.3087, 63.0340, 100.1390



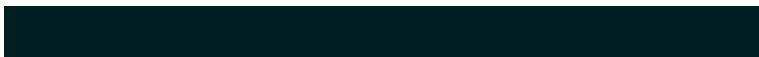
12.7703, 10.1385, 51.7366



10.2948, 11.2809, 12.9197



16.8873, 23.5310, 37.2085



0.7511, 1.0596, 1.6148

Inverse Universe

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



29.9291, 14.5130, 42.8200



53.5565, 25.9727, 76.4508



27.5029, 22.3577, 2.8672



10.4601, 10.2327, 12.5134



19.9199, 9.6577, 28.5539



0.8715, 0.4216, 1.2908

Previews

White Background



This preview shows how the XYZ color 25.3478, 35.2945, 55.9286 looks on a white background.

Color Contrast Check

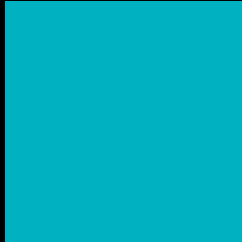
Large Text (above 18pt) WCAG AA × Fail

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 25.3478, 35.2945, 55.9286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

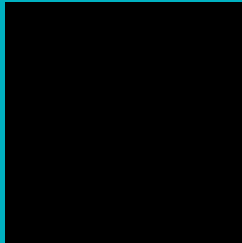
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

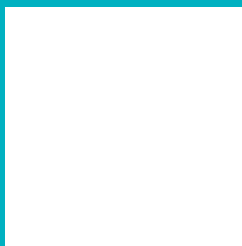
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3478, 35.2945, 55.9286

Background



This preview shows how black text looks on a background with the XYZ color 25.3478, 35.2945, 55.9286.

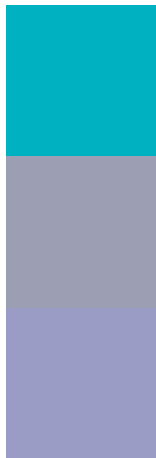


This preview shows how white text looks on a background with the XYZ color 25.3478, 35.2945,

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

25.3478, 35.2945, 55.9286

Protanopia

34.1754, 34.8169, 48.0991

Deuteranopia

35.5991, 34.8227, 58.2713



Tritanopia

25.2366, 35.2501, 55.3430

Trichromacy



Original Color

25.3478, 35.2945, 55.9286



Protanomaly

27.3577, 33.0657, 50.8394



Deuteranomaly

28.3849, 33.1891, 57.1346



Tritanomaly

25.2366, 35.2501, 55.3430

Monochromacy



Original Color

25.3478, 35.2945, 55.9286



Achromatopsia

19.8309, 20.8637, 22.7206



Achromatomaly

18.9387, 24.1583, 32.5190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3478, 35.2945, 55.9286 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(0, 177, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 177, 193) }
```

Border

The CSS property to change the border of an element to XYZ 25.3478, 35.2945, 55.9286 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, 193) }
```


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

```
.border{ border-color:rgb(0, 177, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 177, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 177, 193);  
box-shadow:4px 4px 4px 4px rgb(0, 177,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3478, 35.2945, 55.9286 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, 193) }
```

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

```
.background{ background-color: rgb(0, 177,  
193) }
```

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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