

Converting Colors

XYZ(25.8357, 35.8532, 55.4279)

Have a look what the booklet for
XYZ(25.8357, 35.8532, 55.4279)
contains.

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Color

**XYZ(25.8357, 35.8532,
55.4279)**

Conversions

Conversions Part 1

Format	Color
Hex	19B2C0
RGB	25, 178, 192
RGB Percent	10%, 70%, 75%
CMY	0.9019, 0.3020, 0.2471
CMYK	0.87, 0.07, 0.00, 0.25
HSL	185°, 77%, 43%
HSV	185°, 87%, 75%
XYZ	25.8357, 35.8532, 55.4279
YIQ	133.8490, -95.6820, -28.0820

Conversions

Conversions Part 2

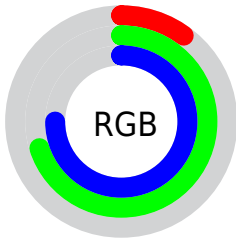
Format	Color
R _Y B	25, 105, 192
Decimal	1684160
CIE Lab	66.41, -31.32, -17.61
CIE LCh	66, 35.928, 209.352
Yxy	35.8532, 0.2206, 0.3061
Android (android.graphics.Color)	4279874240 (0xFF19B2C0)
YUV	133.8490, 28.6684, -95.4606
Hunter-Lab	59.8775, -27.7673, -12.9697

Details

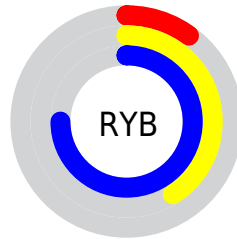
The XYZ color **25.8357, 35.8532, 55.4279** is a dark color, and the websafe version is hex **009999**. The color can be described as middle washed azure. A complement of this color would be **22.6403, 12.7291, 2.1845**, and the grayscale version is **22.5304, 23.7037, 25.8133**.

A 20% lighter version of the original color is **52.3100, 68.6871, 99.3079**, and **11.9938, 16.5313, 26.9848** is the 20% darker color. If you saturate the color by 10%, you get **25.1899, 35.0483, 55.3073**, and if you desaturate by 10%, it is **26.8058, 36.8323, 55.5664**.

Distribution



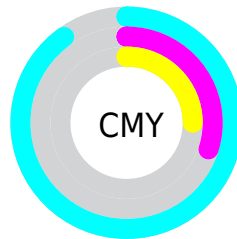
- Red (10%)
- Green (70%)
- Blue (75%)



- Red (10%)
- Yellow (41%)
- Blue (75%)



- Cyan (87%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (90%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8357, 35.8532, 55.4279 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 25.8357, 35.8532, 55.4279 by changing the saturation by 10% instead.

■ 25.8357, 35.8532,
55.4279

■ 25.8357, 35.8532,
55.4279

274.2461,
328.3185, 424.8595

■ 16.8328, 24.3208,
39.3435

■ 52.4430, 68.8054,
99.6450

■ 10.2099, 15.5718,
26.7172

■ 70.7780, 90.9941,
128.6149

■ 5.6017, 9.2217,
17.1304

■ 92.9546, 117.5036,
162.7169

■ 2.6428, 4.8860,
10.1645

■ 119.3379,
148.7184, 202.3697

■ 0.9678, 2.1806,
5.4012

■ 150.2933,
185.0229, 247.9919

■ 0.0000, 0.7094,
2.4217

186.1863,

■ 0.0000, 0.0000,

226.8015, 300.0018

0.7982

227.3821,
274.4386, 358.8182

■ 0.0000, 0.0000,
0.0000

■ 25.8357, 35.8532,
55.4279

■ 25.8357, 35.8532,
55.4279

■ 25.1899, 35.0483,
55.3073

■ 26.8058, 36.8323,
55.5664

■ 25.0213, 34.8192,
55.2719

■ 28.1604, 38.0144,
55.7232

■ 29.9471, 39.4250,
55.9013

■ 32.2059, 41.0846,
56.1026

■ 34.9721, 43.0114,
56.3287

■ 38.2776, 45.2219,
56.5811

■ 42.1518, 47.7312,
56.8613

■ 46.6219, 50.5534,
57.1705

■ 51.7132, 53.7016,
57.5098

Harmonies

Analogous

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



24.7481, 35.8532, 38.7042



25.8357, 35.8532, 55.4279



29.0734, 35.8532, 70.4601

Triad

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



25.8357, 35.8532, 55.4279



43.7700, 35.8532, 56.1636



34.1944, 35.8532, 16.2821

Complementary

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



25.8357, 35.8532, 55.4279



22.6403, 12.7291, 2.1845

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.



39.6249, 35.8532, 18.7010



25.8357, 35.8532, 55.4279



45.4982, 35.8532, 39.3737

Square

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



25.8357, 35.8532, 55.4279



39.4015, 35.8532, 70.9575



43.9083, 35.8532, 26.2467



29.2559, 35.8532, 18.4968

Rectangle

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



25.8357, 35.8532, 55.4279



32.2023, 35.8532, 75.9742



43.9083, 35.8532, 26.2467



36.0239, 35.8532, 16.5674

Sweetspot

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



25.8368, 35.8545, 55.4288



69.7165, 82.1752, 102.5472



19.6164, 38.0528, 8.2248



14.4792, 17.3142, 21.9641



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.



25.8368, 35.8545, 55.4288



45.2451, 62.9067, 100.1178



13.9718, 12.1244, 51.4738



10.2940, 11.2793, 12.9194



16.8642, 23.4850, 37.2008



0.7503, 1.0581, 1.6146

Inverse Universe

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



30.1227, 15.1172, 43.4510



53.5244, 25.9599, 76.2817



28.9261, 25.3007, 4.2797



10.4597, 10.2325, 12.5113



19.9083, 9.6531, 28.4927



0.8711, 0.4215, 1.2887

Previews

White Background



This preview shows how the XYZ color 25.8357, 35.8532, 55.4279 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 25.8357, 35.8532, 55.4279 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

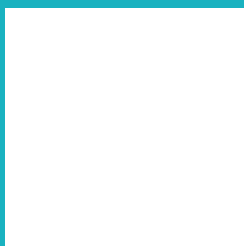
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8357, 35.8532, 55.4279

Background



This preview shows how black text looks on a background with the XYZ color 25.8357, 35.8532, 55.4279.

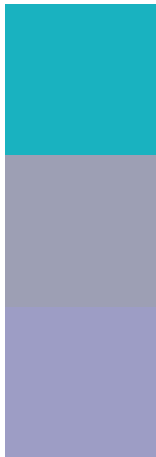


This preview shows how white text looks on a background with the XYZ color 25.8357, 35.8532,

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

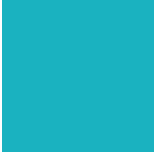
25.8357, 35.8532, 55.4279

Protanopia

34.5410, 35.2597, 48.1653

Deuteranopia

36.0396, 35.3133, 57.7400



Tritanopia

25.8608, 35.8662, 55.4290

Trichromacy



Original Color

25.8357, 35.8532, 55.4279



Protanomaly

28.5946, 33.9843, 50.3999



Deuteranomaly

29.6121, 34.1016, 56.6513



Tritanomaly

25.8608, 35.8662, 55.4290

Monochromacy



Original Color

25.8357, 35.8532, 55.4279



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

21.4388, 26.5589, 35.0068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8357, 35.8532, 55.4279 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(25, 178, 192)` looks like.

```
.text, #text, p{  
    color:rgb(25, 178, 192)  
}
```

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(25, 178, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 178, 192) }
```

Border

The CSS property to change the border of an element to XYZ 25.8357, 35.8532, 55.4279 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(25, 178, 192) }
```


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

```
.border{ border-color:rgb(25, 178, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 178, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 178, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 178, 192);  
box-shadow:4px 4px 4px 4px rgb(25, 178,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8357, 35.8532, 55.4279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 178, 192) }
```

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

```
.background{ background-color: rgb(25, 178,  
192) }
```

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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