

Converting Colors

XYZ(25.5552, 35.7696, 51.4569)

Have a look what the booklet for
XYZ(25.5552, 35.7696, 51.4569)
contains.

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Color

**XYZ(25.5918, 35.8150,
51.4631)**

Conversions

Conversions Part 1

Format	Color
Hex	29B2B9
RGB	41, 178, 185
RGB Percent	16%, 70%, 73%
CMY	0.8392, 0.3020, 0.2745
CMYK	0.78, 0.04, 0.00, 0.27
HSL	183°, 64%, 44%
HSV	183°, 78%, 73%
XYZ	25.5918, 35.8150, 51.4631
YIQ	137.8350, -83.8990, -26.8670

Conversions

Conversions Part 2

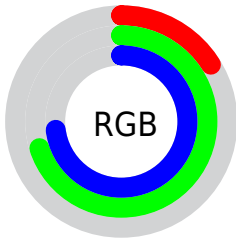
Format	Color
R _Y B	41, 111, 185
Decimal	2732729
CIE Lab	66.38, -32.21, -13.76
CIE LCh	66, 35.027, 203.130
Yxy	35.8150, 0.2267, 0.3173
Android (android.graphics.Color)	4280922809 (0xFF29B2B9)
YUV	137.8350, 23.2523, -84.9243
Hunter-Lab	59.8456, -28.3979, -9.0933

Details

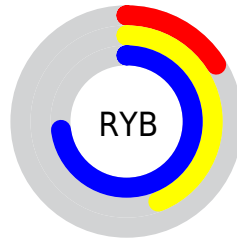
The XYZ color **25.5918, 35.8150, 51.4631** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **21.4657, 12.5893, 3.3975**, and the grayscale version is **24.0334, 25.2850, 27.5354**.

A 20% lighter version of the original color is **51.9821, 68.6413, 93.7284**, and **11.4985, 16.3332, 24.3764** is the 20% darker color. If you saturate the color by 10%, you get **24.8419, 35.1644, 51.3777**, and if you desaturate by 10%, it is **26.6916, 36.6492, 51.5668**.

Distribution



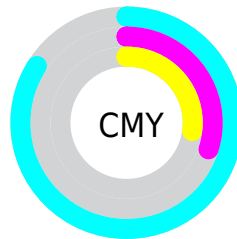
- Red (16%)
- Green (70%)
- Blue (73%)



- Red (16%)
- Yellow (44%)
- Blue (73%)



- Cyan (78%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (84%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5918, 35.8150, 51.4631 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 25.5918, 35.8150, 51.4631 by changing the saturation by 10% instead.

■ 25.5918, 35.8150,
51.4631

■ 25.5918, 35.8150,
51.4631

273.0661,
328.1512, 409.2582

■ 16.6496, 24.2914,
36.1980

■ 52.0517, 68.7464,
93.7574

■ 10.0787, 15.5499,
24.2963

■ 70.3001, 90.9230,
121.6238

■ 5.5139, 9.2062,
15.3393

■ 92.3812, 117.4193,
154.5276

■ 2.5896, 4.8759,
8.9086

■ 118.6605,
148.6198, 192.8875

■ 0.9407, 2.1746,
4.5856

■ 149.5033,
184.9089, 237.1219

■ 0.0000, 0.7061,
1.9518

185.2749,

■ 0.0000, 0.0000,

226.6708, 287.6495

0.5254

226.3407,
274.2902, 344.8887

■ 0.0000, 0.0000,
0.0000

■ 25.5918, 35.8150,
51.4631

■ 25.5918, 35.8150,
51.4631

■ 24.8419, 35.1644,
51.3777

■ 26.6916, 36.6492,
51.5668

■ 24.3727, 34.6596,
51.3050

■ 28.1810, 37.6853,
51.6883

■ 24.2842, 34.5572,
51.2899

■ 30.0979, 38.9434,
51.8301

■ 32.4749, 40.4405,
51.9938

■ 35.3412, 42.1916,
52.1807

■ 38.7239, 44.2107,
52.3922

■ 42.6478, 46.5105,
52.6293

■ 47.1364, 49.1033,
52.8931

■ 52.2116, 52.0001,
53.1848

Harmonies

Analogous

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



24.9869, 35.8150, 35.6460



25.5918, 35.8150, 51.4631



28.3473, 35.8150, 66.9307

Triad

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



25.5918, 35.8150, 51.4631



42.7531, 35.8150, 58.9953



35.2604, 35.8150, 16.7932

Complementary

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



25.5918, 35.8150, 51.4631



21.4657, 12.5893, 3.3975

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.



40.4504, 35.8150, 20.1696



25.5918, 35.8150, 51.4631



45.0544, 35.8150, 42.5505

Square

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



25.5918, 35.8150, 51.4631



38.1537, 35.8150, 72.0009



44.1712, 35.8150, 28.7256



30.2352, 35.8150, 18.0266

Rectangle

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



25.5918, 35.8150, 51.4631



31.2004, 35.8150, 73.6348



44.1712, 35.8150, 28.7256



37.0491, 35.8150, 17.3900

Sweetspot

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



25.5929, 35.8163, 51.4640



65.8775, 77.1144, 93.6171



18.7535, 35.3658, 8.4031



13.7500, 16.3532, 20.1534



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.5929, 35.8163, 51.4640



43.8929, 62.3546, 91.9269



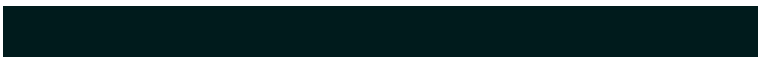
15.0563, 14.7432, 47.9518



9.2283, 10.1338, 11.5491



16.5510, 23.5616, 34.9286



0.5950, 0.8537, 1.2352

Inverse Universe

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



28.8373, 15.1155, 43.5186



50.1545, 24.5165, 76.1187



26.8639, 23.3858, 5.1969



9.3616, 9.1550, 11.2514



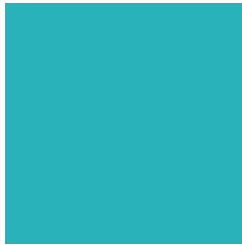
18.9678, 9.1609, 28.7812



0.6745, 0.3253, 1.0452

Previews

White Background



This preview shows how the XYZ color 25.5918, 35.8150, 51.4631 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 25.5918, 35.8150, 51.4631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

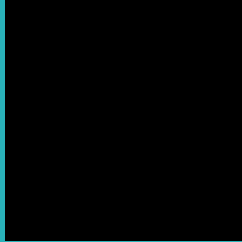
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.5918, 35.8150, 51.4631

Background



This preview shows how black text looks on a background with the XYZ color 25.5918, 35.8150, 51.4631.

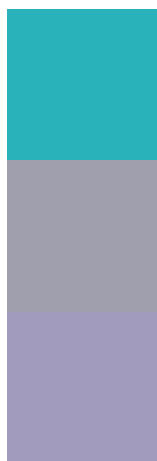


This preview shows how white text looks on a background with the XYZ color 25.5918, 35.8150,

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

25.5918, 35.8150, 51.4631

Protanopia

34.2390, 35.1843, 44.5218

Deuteranopia

35.8807, 35.0717, 53.5936



Tritanopia

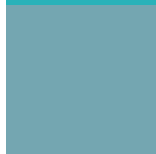
26.2528, 35.7867, 54.8141

Trichromacy



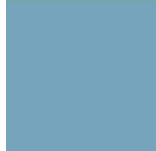
Original Color

25.5918, 35.8150, 51.4631



Protanomaly

28.7745, 34.1598, 46.6719



Deuteranomaly

29.6887, 33.9637, 52.5678



Tritanomaly

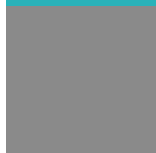
25.9462, 35.6539, 53.6585

Monochromacy



Original Color

25.5918, 35.8150, 51.4631



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

22.9011, 28.0326, 35.2142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5918, 35.8150, 51.4631 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(41, 178, 185)` looks like.

```
.text, #text, p{  
    color:rgb(41, 178, 185)  
}
```

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(41, 178, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 178, 185) }
```

Border

The CSS property to change the border of an element to XYZ 25.5918, 35.8150, 51.4631 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(41, 178, 185) }
```


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

```
.border{ border-color:rgb(41, 178, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 178, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 178, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 178, 185);  
box-shadow:4px 4px 4px 4px rgb(41, 178,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5918, 35.8150, 51.4631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 178, 185) }
```

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

```
.background{ background-color: rgb(41, 178,  
185) }
```

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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