

Converting Colors

XYZ(25.5245, 40.2680, 39.9665)

Have a look what the booklet for
XYZ(25.5245, 40.2680, 39.9665)
contains.

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Color

**XYZ(25.6593, 40.4667,
40.1767)**

Conversions

Conversions Part 1

Format	Color
Hex	18C0A1
RGB	24, 192, 161
RGB Percent	9%, 75%, 63%
CMY	0.9058, 0.2470, 0.3686
CMYK	0.87, 0.00, 0.16, 0.25
HSL	169°, 78%, 42%
HSV	169°, 87%, 75%
XYZ	25.6593, 40.4667, 40.1767
YIQ	138.2340, -90.1770, -45.2570

Conversions

Conversions Part 2

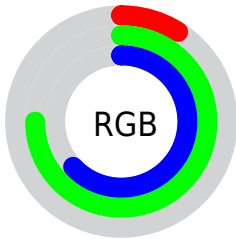
Format	Color
RYB	24, 117, 192
Decimal	1622177
CIELab	69.80, -46.68, 4.48
CIElCh	70, 46.894, 174.516
Yxy	40.4667, 0.2414, 0.3807
Android (android.graphics.Color)	4279812257 (0xFF18C0A1)
YUV	138.2340, 11.2236, -100.1832
Hunter-Lab	63.6134, -39.3233, 7.0833

Details

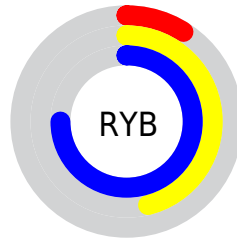
The XYZ color **25.6593, 40.4667, 40.1767** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **22.7558, 12.1365, 4.7592**, and the grayscale version is **24.2317, 25.4936, 27.7625**.

A 20% lighter version of the original color is **52.0960, 75.7125, 76.8340**, and **11.7601, 19.0171, 17.8027** is the 20% darker color. If you saturate the color by 10%, you get **25.0356, 40.1817, 38.5402**, and if you desaturate by 10%, it is **26.6056, 40.9189, 41.8764**.

Distribution



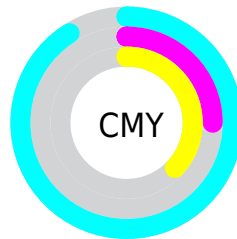
- Red (9%)
- Green (75%)
- Blue (63%)



- Red (9%)
- Yellow (46%)
- Blue (75%)



- Cyan (87%)
- Magenta (0%)
- Yellow (16%)
- Black (25%)





- Cyan (91%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6593, 40.4667, 40.1767 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 25.6593, 40.4667, 40.1767 by changing the saturation by 10% instead.


 25.6593, 40.4667,
40.1767


 25.6593, 40.4667,
40.1767


273.3931,
348.0867, 362.4420


 16.7003, 27.9026,
27.3615


 52.1600, 75.8737,
76.6725


 10.1150, 18.2523,
17.6101


 70.4324, 99.4853,
101.1903


 5.5381, 11.1312,
10.5039


 92.5400, 127.5483,
130.4459

 2.6043, 6.1552,
5.6244

 118.8482,
160.4470, 164.8580

 0.9481, 2.9397,
2.5530

 149.7222,
198.5658, 204.8452

 0.0000, 1.1003,
0.8680

185.5274,

 0.0000, 0.0000,

242.2891, 250.8258

0.0000

226.6293,
292.0013, 303.2186

■ 25.6593, 40.4667,
40.1767

■ 25.6593, 40.4667,
40.1767

■ 25.0356, 40.1817,
38.5402

■ 26.6056, 40.9189,
41.8764

■ 24.8995, 40.1204,
38.1381

■ 27.9389, 41.5686,
43.6398

■ 29.7073, 42.4416,
45.4707

■ 31.9511, 43.5585,
47.3710

■ 34.7059, 44.9379,
49.3431

■ 38.0038, 46.5962,
51.3885

■ 41.8744, 48.5486,
53.5092

■ 46.3449, 50.8092,
55.7067

■ 51.4409, 53.3912,
57.9826

Harmonies

Analogous

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



27.7365, 40.4667, 23.9393



25.6593, 40.4667, 40.1767



26.6271, 40.4667, 63.8355

Triad

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



25.6593, 40.4667, 40.1767



44.8584, 40.4667, 94.2388



47.5958, 40.4667, 17.9910

Complementary

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



25.6593, 40.4667, 40.1767



22.7558, 12.1365, 4.7592

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.



53.3692, 40.4667, 28.8612



25.6593, 40.4667, 40.1767



51.6484, 40.4667, 73.1350

Square

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



25.6593, 40.4667, 40.1767



37.0809, 40.4667, 100.3174



54.9420, 40.4667, 48.1887



39.8777, 40.4667, 14.1283

Rectangle

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



25.6593, 40.4667, 40.1767



28.9445, 40.4667, 80.4518



54.9420, 40.4667, 48.1887



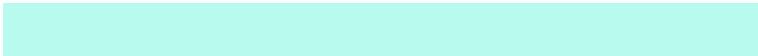
49.8668, 40.4667, 20.7291

Sweetspot

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



25.6604, 40.4683, 40.1777



69.5636, 84.7819, 93.5175



20.7376, 38.6545, 7.2328



14.4432, 17.9466, 19.7807



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.



25.6604, 40.4683, 40.1777



45.0276, 72.6583, 68.6417



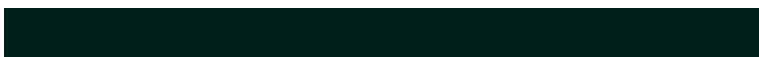
19.5061, 23.2290, 53.3266



10.2862, 11.3955, 12.5106



16.7808, 27.0064, 25.8023



0.7462, 1.1753, 1.2264

Inverse Universe

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



22.7558, 12.1365, 4.7592



39.8840, 20.5037, 4.4524



24.3801, 16.2251, 2.7115



10.1474, 10.1076, 10.8669



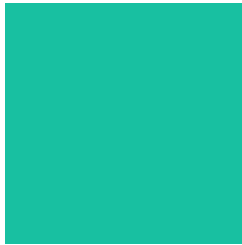
14.8574, 7.6327, 1.8950



0.6655, 0.3392, 0.2061

Previews

White Background



This preview shows how the XYZ color 25.6593, 40.4667, 40.1767 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 25.6593, 40.4667, 40.1767 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

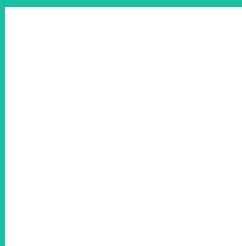
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6593, 40.4667, 40.1767

Background



This preview shows how black text looks on a background with the XYZ color 25.6593, 40.4667, 40.1767.

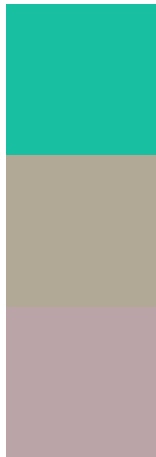


This preview shows how white text looks on a background with the XYZ color 25.6593, 40.4667,

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

25.6593, 40.4667, 40.1767

Protanopia

37.7442, 39.8930, 34.1445

Deuteranopia

40.5002, 39.7800, 42.1029



Tritanopia

29.9052, 40.2647, 61.4540

Trichromacy



Original Color

25.6593, 40.4667, 40.1767



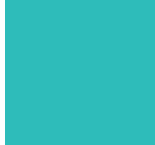
Protanomaly

29.3571, 37.8091, 35.8876



Deuteranomaly

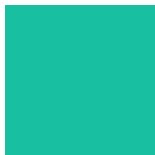
30.6800, 37.5007, 41.2187



Tritanomaly

27.9729, 40.0925, 52.7187

Monochromacy



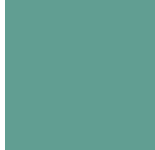
Original Color

25.6593, 40.4667, 40.1767



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

22.3449, 29.0704, 31.6276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6593, 40.4667, 40.1767 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(24, 192, 161)` looks like.

```
.text, #text, p{  
    color:rgb(24, 192, 161)  
}
```

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(24, 192, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 192, 161) }
```

Border

The CSS property to change the border of an element to XYZ 25.6593, 40.4667, 40.1767 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(24, 192, 161) }
```


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

```
.border{ border-color:rgb(24, 192, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 192, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 192, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 192, 161);  
box-shadow:4px 4px 4px 4px rgb(24, 192,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6593, 40.4667, 40.1767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 192, 161) }
```

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

```
.background{ background-color: rgb(24, 192,  
161) }
```

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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