

Converting Colors

XYZ(25.6490, 40.9411, 33.3387)

Have a look what the booklet for
XYZ(25.6490, 40.9411, 33.3387)
contains.

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Color

**XYZ(25.6490, 40.9411,
33.3387)**

Conversions

Conversions Part 1

Format	Color
Hex	35C191
RGB	53, 193, 145
RGB Percent	21%, 76%, 57%
CMY	0.7921, 0.2431, 0.4314
CMYK	0.73, 0.00, 0.25, 0.24
HSL	159°, 57%, 48%
HSV	159°, 73%, 76%
XYZ	25.6490, 40.9411, 33.3387
YIQ	145.6680, -68.0320, -44.6080

Conversions

Conversions Part 2

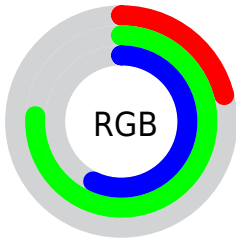
Format	Color
RYB	53, 137, 193
Decimal	3522961
CIELab	70.13, -48.16, 13.71
CIELCh	70, 50.075, 164.114
Yxy	40.9411, 0.2567, 0.4097
Android (android.graphics.Color)	4281713041 (0xFF35C191)
YUV	145.6680, -0.3293, -81.2698
Hunter-Lab	63.9852, -40.4210, 13.8974

Details

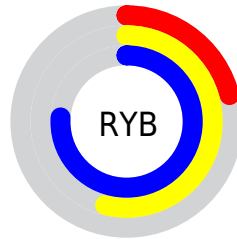
The XYZ color **25.6490, 40.9411, 33.3387** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **25.6157, 14.8243, 13.8249**, and the grayscale version is **27.2081, 28.6251, 31.1727**.

A 20% lighter version of the original color is **52.1022, 76.4167, 66.0367**, and **11.1089, 18.9851, 13.6687** is the 20% darker color. If you saturate the color by 10%, you get **24.3360, 40.3225, 30.6913**, and if you desaturate by 10%, it is **27.4023, 41.7853, 36.1637**.

Distribution



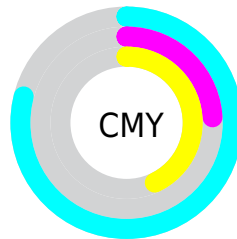
- Red (21%)
- Green (76%)
- Blue (57%)



- Red (21%)
- Yellow (54%)
- Blue (76%)



- Cyan (73%)
- Magenta (0%)
- Yellow (25%)
- Black (24%)





- Cyan (79%)
- Magenta (24%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6490, 40.9411, 33.3387 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 25.6490, 40.9411, 33.3387 by changing the saturation by 10% instead.


 25.6490, 40.9411,
33.3387


 25.6490, 40.9411,
33.3387


273.3432,
350.0744, 331.8519


 16.6925, 28.2731,
22.1128


 52.1435, 76.5945,
66.0261


 10.1095, 18.5316,
13.7407


 70.4123, 100.3486,
88.3246


 5.5344, 11.3323,
7.8039


 92.5158, 128.5669,
115.1511

 2.6021, 6.2908,
3.8837

 118.8195,
161.6337, 146.9241

 0.9470, 3.0227,
1.5618

 149.6888,
199.9335, 184.0621

 0.0000, 1.1436,
0.2633

185.4889,

 0.0000, 0.0149,

243.8506, 226.9837

0.0000

226.5852,
293.7694, 276.1075

■ 0.0000, 0.0000,
0.0000

■ 25.6490, 40.9411,
33.3387

■ 25.6490, 40.9411,
33.3387

■ 24.3360, 40.3225,
30.6913

■ 27.4023, 41.7853,
36.1637

■ 23.4070, 39.8975,
28.2135

■ 29.6370, 42.8732,
39.1681

■ 22.8902, 39.6691,
26.4704

■ 32.3927, 44.2260,
42.3571

■ 35.7041, 45.8618,
45.7348

■ 39.6026, 47.7966,
49.3050

■ 44.1176, 50.0454,
53.0714

■ 49.2759, 52.6222,
57.0377

■ 55.1032, 55.5401,
61.2071

■ 61.6236, 58.8113,
65.5831

Harmonies

Analogous

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



28.9501, 40.9411, 19.4079



25.6490, 40.9411, 33.3387



25.5536, 40.9411, 56.5025

Triad

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



25.6490, 40.9411, 33.3387



42.8803, 40.9411, 104.1694



51.3477, 40.9411, 19.9802

Complementary

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



25.6490, 40.9411, 33.3387



25.6157, 14.8243, 13.8249

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.



56.2677, 40.9411, 34.4615



25.6490, 40.9411, 33.3387



50.9344, 40.9411, 85.4231

Square

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



25.6490, 40.9411, 33.3387



34.7605, 40.9411, 103.5347



56.1066, 40.9411, 58.0957



43.3843, 40.9411, 13.7520

Rectangle

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



25.6490, 40.9411, 33.3387



27.2789, 40.9411, 74.9516



56.1066, 40.9411, 58.0957



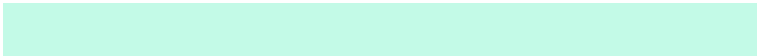
53.4590, 40.9411, 23.7691

Sweetspot

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



25.6501, 40.9427, 33.3397



71.0709, 85.6731, 88.4288



25.1934, 41.2234, 9.9979



14.8138, 18.1644, 18.5886



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.



25.6501, 40.9427, 33.3397



42.5383, 71.7331, 52.3445



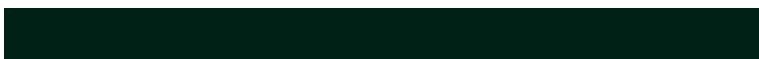
25.8476, 34.1138, 55.6762



10.2170, 11.3679, 12.1463



15.2629, 26.3992, 17.8092



0.6908, 1.1532, 0.9343

Inverse Universe

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



25.6157, 14.8243, 13.8249



42.5738, 22.4272, 16.0037



25.0850, 16.4932, 5.2302



10.2126, 10.1336, 11.2098



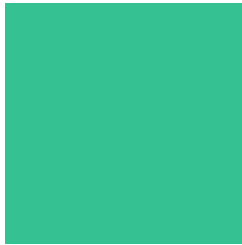
15.3191, 7.8174, 4.3263



0.6946, 0.3508, 0.3590

Previews

White Background



This preview shows how the XYZ color 25.6490, 40.9411, 33.3387 looks on a white background.

Color Contrast Check

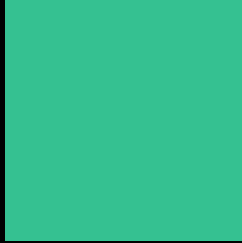
Large Text (above 18pt) WCAG AA × Fail

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 25.6490, 40.9411, 33.3387 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

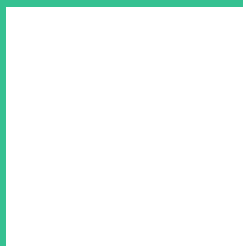
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6490, 40.9411, 33.3387

Background



This preview shows how black text looks on a background with the XYZ color 25.6490, 40.9411, 33.3387.

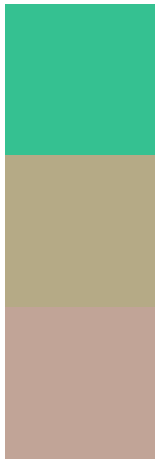


This preview shows how white text looks on a background with the XYZ color 25.6490, 40.9411,

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

25.6490, 40.9411, 33.3387

Protanopia

37.7339, 40.2944, 28.3431

Deuteranopia

40.8537, 40.1227, 34.8694



Tritanopia

31.3260, 40.9971, 61.5205

Trichromacy



Original Color

25.6490, 40.9411, 33.3387



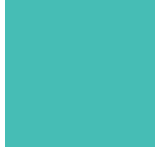
Protanomaly

30.3394, 38.7441, 29.9241



Deuteranomaly

31.9101, 38.5807, 34.1987



Tritanomaly

29.0639, 41.0335, 50.1045

Monochromacy



Original Color

25.6490, 40.9411, 33.3387



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

24.9676, 31.7145, 31.9997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6490, 40.9411, 33.3387 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(53, 193, 145)` looks like.

```
.text, #text, p{  
    color:rgb(53, 193, 145)  
}
```

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(53, 193, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 193, 145) }
```

Border

The CSS property to change the border of an element to XYZ 25.6490, 40.9411, 33.3387 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(53, 193, 145) }
```


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

```
.border{ border-color:rgb(53, 193, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 193, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 193, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 193, 145);  
box-shadow:4px 4px 4px 4px rgb(53, 193,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6490, 40.9411, 33.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 193, 145) }
```

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

```
.background{ background-color: rgb(53, 193,  
145) }
```

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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