

Converting Colors

XYZ(27.4937, 44.5585, 33.8937)

Have a look what the booklet for
XYZ(27.4937, 44.5585, 33.8937)
contains.

XYZ(27.5188, 44.6019, 33.9467)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.5188, 44.6019,
33.9467)**

Conversions

Conversions Part 1

Format	Color
Hex	36C991
RGB	54, 201, 145
RGB Percent	21%, 79%, 57%
CMY	0.7882, 0.2118, 0.4314
CMYK	0.73, 0.00, 0.28, 0.21
HSL	157°, 58%, 50%
HSV	157°, 73%, 79%
XYZ	27.5188, 44.6019, 33.9467
YIQ	150.6630, -69.6360, -48.5800

Conversions

Conversions Part 2

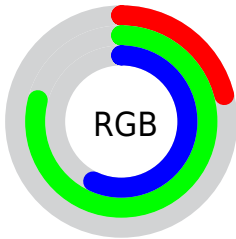
Format	Color
RYB	54, 145, 201
Decimal	3590545
CIELab	72.63, -51.25, 17.19
CIElCh	73, 54.053, 161.453
Yxy	44.6019, 0.2594, 0.4205
Android (android.graphics.Color)	4281780625 (0xFF36C991)
YUV	150.6630, -2.7919, -84.7735
Hunter-Lab	66.7847, -43.3217, 16.6121

Details

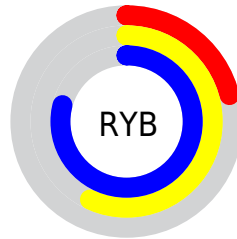
The XYZ color **27.5188, 44.6019, 33.9467** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **28.2225, 16.1827, 16.3897**, and the grayscale version is **29.3055, 30.8316, 33.5756**.

A 20% lighter version of the original color is **53.9540, 79.7085, 66.5744**, and **12.2993, 21.3659, 14.0655** is the 20% darker color. If you saturate the color by 10%, you get **26.0841, 43.9294, 30.9011**, and if you desaturate by 10%, it is **29.4412, 45.5236, 37.2249**.

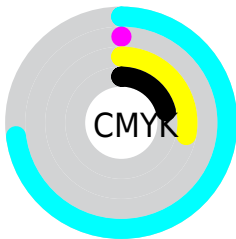
Distribution



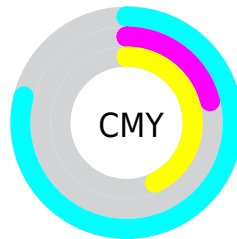
- Red (21%)
- Green (79%)
- Blue (57%)



- Red (21%)
- Yellow (57%)
- Blue (79%)



- Cyan (73%)
- Magenta (0%)
- Yellow (28%)
- Black (21%)





- Cyan (79%)
- Magenta (21%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5188, 44.6019, 33.9467 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 27.5188, 44.6019, 33.9467 by changing the saturation by 10% instead.


 27.5188, 44.6019,
33.9467


 27.5188, 44.6019,
33.9467


282.2823,
365.1588, 334.6562


 18.1018, 31.1440,
22.5756


 55.1293, 82.1227,
66.9837

 11.1233, 20.7085,
14.0781


 74.0535, 106.9544,
89.4868


 6.2177, 12.9111,
8.0356


 96.8776, 136.3460,
116.5375

 3.0198, 7.3674,
4.0297

 123.9668,
170.6822, 148.5545

 1.1643, 3.6929,
1.6416

 155.6865,
210.3471, 185.9564

 0.0779, 1.5033,
0.3203

192.4021,

 0.0000, 0.2910,

255.7253, 229.1616

0.0000

234.4789,
307.2011, 278.5887

■ 0.0000, 0.0000,
0.0000

■ 27.5188, 44.6019,
33.9467

■ 27.5188, 44.6019,
33.9467

■ 26.0841, 43.9294,
30.9011

■ 29.4412, 45.5236,
37.2249

■ 25.0738, 43.4700,
28.0780

■ 31.8976, 46.7146,
40.7389

■ 24.5527, 43.2410,
26.2633

■ 34.9322, 48.1990,
44.4956

■ 38.5839, 49.9967,
48.5004

■ 42.8879, 52.1257,
52.7588

■ 47.8767, 54.6027,
57.2757

■ 53.5805, 57.4432,
62.0562

■ 60.0277, 60.6618,
67.1048

■ 67.2453, 64.2723,
72.4262

Harmonies

Analogous

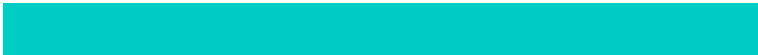
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.5611, 44.6019, 19.2736



27.5188, 44.6019, 33.9467



27.0890, 44.6019, 59.5328

Triad

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



27.5188, 44.6019, 33.9467



46.0673, 44.6019, 118.6077



57.3606, 44.6019, 21.8126

Complementary

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



27.5188, 44.6019, 33.9467



28.2225, 16.1827, 16.3897

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.



62.5879, 44.6019, 39.0326



27.5188, 44.6019, 33.9467



55.4561, 44.6019, 98.3350

Square

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



27.5188, 44.6019, 33.9467



36.9228, 44.6019, 115.6398



61.8438, 44.6019, 66.8698



48.3780, 44.6019, 14.2585

Rectangle

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



27.5188, 44.6019, 33.9467



28.8204, 44.6019, 80.7241



61.8438, 44.6019, 66.8698



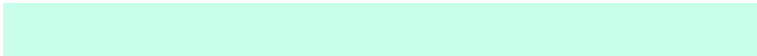
59.6709, 44.6019, 26.3307

Sweetspot

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



27.5200, 44.6037, 33.9477



74.0845, 89.5676, 90.9454



28.0280, 45.3790, 10.7724



15.3933, 18.9413, 19.0255



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



27.5200, 44.6037, 33.9477



43.5226, 74.6889, 49.9107



29.1747, 39.2218, 61.2933



10.7688, 11.9964, 12.7327



15.4830, 27.2056, 16.7538



0.7676, 1.3020, 0.9749

Inverse Universe

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



28.2225, 16.1827, 16.3897



44.8772, 23.4822, 18.7173



27.0174, 17.2105, 5.3886



10.7983, 10.7027, 11.9210



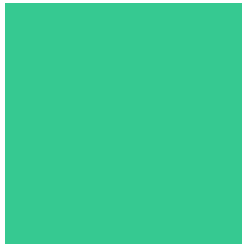
16.0195, 8.1574, 5.3127



0.7937, 0.4003, 0.4368

Previews

White Background



This preview shows how the XYZ color 27.5188, 44.6019, 33.9467 looks on a white background.

Color Contrast Check

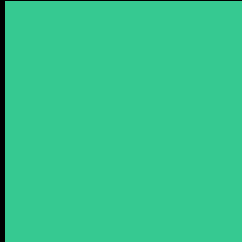
Large Text (above 18pt) WCAG AA × Fail

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 27.5188, 44.6019, 33.9467 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

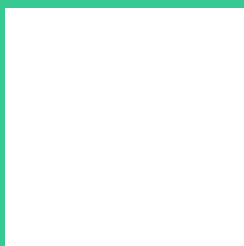
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5188, 44.6019, 33.9467

Background



This preview shows how black text looks on a background with the XYZ color 27.5188, 44.6019, 33.9467.

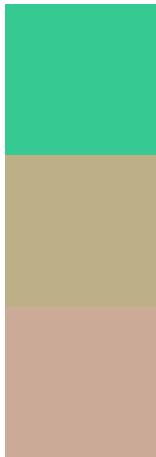


This preview shows how white text looks on a background with the XYZ color 27.5188, 44.6019,

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

27.5188, 44.6019, 33.9467

Protanopia

40.8147, 43.5907, 28.8169

Deuteranopia

44.6708, 43.7130, 35.7888



Tritanopia

34.0224, 44.5330, 66.4771

Trichromacy



Original Color

27.5188, 44.6019, 33.9467



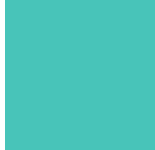
Protanomaly

32.7516, 42.1084, 30.4463



Deuteranomaly

34.3431, 41.6072, 34.6547



Tritanomaly

31.1694, 44.3604, 52.8185

Monochromacy



Original Color

27.5188, 44.6019, 33.9467



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

26.8152, 34.2589, 33.6331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5188, 44.6019, 33.9467 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(54, 201, 145)` looks like.

```
.text, #text, p{  
    color:rgb(54, 201, 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(54, 201, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 201, 145) }
```

Border

The CSS property to change the border of an element to XYZ 27.5188, 44.6019, 33.9467 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(54, 201, 145) }
```


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

```
.border{ border-color:rgb(54, 201, 145) }
```

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

Here you see how a box with a 4 pixel rgb(54, 201, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 201, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 201, 145);  
box-shadow:4px 4px 4px 4px rgb(54, 201,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5188, 44.6019, 33.9467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 201, 145) }
```

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

```
.background{ background-color: rgb(54, 201,  
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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