

Converting Colors

XYZ(27.4465, 44.7852, 26.0383)

Have a look what the booklet for
XYZ(27.4465, 44.7852, 26.0383)
contains.

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Color

**XYZ(27.3634, 44.6992,
25.9245)**

Conversions

Conversions Part 1

Format	Color
Hex	4BC97B
RGB	75, 201, 123
RGB Percent	29%, 79%, 48%
CMY	0.7059, 0.2118, 0.5176
CMYK	0.63, 0.00, 0.39, 0.21
HSL	143°, 54%, 54%
HSV	143°, 63%, 79%
XYZ	27.3634, 44.6992, 25.9245
YIQ	154.4340, -50.0580, -50.9700

Conversions

Conversions Part 2

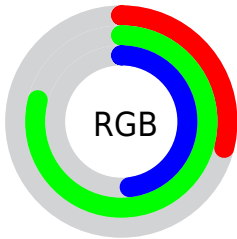
Format	Color
RYB	75, 166, 201
Decimal	4966779
CIELab	72.69, -52.15, 28.96
CIELCh	73, 59.649, 150.954
Yxy	44.6992, 0.2793, 0.4562
Android (android.graphics.Color)	4283156859 (0xFF4BC97B)
YUV	154.4340, -15.4970, -69.6636
Hunter-Lab	66.8575, -43.9441, 23.8101

Details

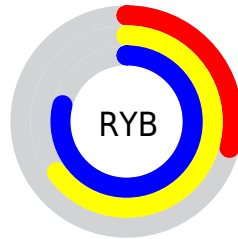
The XYZ color **27.3634, 44.6992, 25.9245** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **32.3545, 19.7504, 32.2451**, and the grayscale version is **30.9887, 32.6025, 35.5042**.

A 20% lighter version of the original color is **53.5881, 79.8055, 53.6539**, and **11.4815, 21.0388, 9.7591** is the 20% darker color. If you saturate the color by 10%, you get **25.3026, 43.7224, 22.0177**, and if you desaturate by 10%, it is **30.0220, 45.9752, 30.3782**.

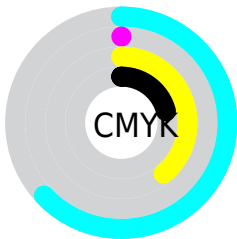
Distribution



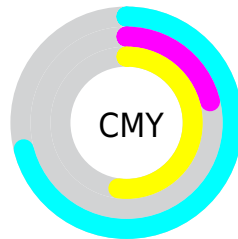
- Red (29%)
- Green (79%)
- Blue (48%)



- Red (29%)
- Yellow (65%)
- Blue (79%)



- Cyan (63%)
- Magenta (0%)
- Yellow (39%)
- Black (21%)



- Cyan (71%)
- Magenta (21%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3634, 44.6992, 25.9245 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 27.3634, 44.6992, 25.9245 by changing the saturation by 10% instead.

■ 27.3634, 44.6992,
25.9245

■ 27.3634, 44.6992,
25.9245

281.5479,
365.5539, 296.0049

■ 17.9843, 31.2206,
16.5419

■ 54.8822, 82.2688,
54.1357

■ 11.0384, 20.7669,
9.7499

■ 73.7527, 107.1286,
73.8014

■ 6.1601, 12.9537,
5.1300

■ 96.5177, 136.5509,
97.7319

■ 2.9843, 7.3967,
2.2637

■ 123.5426,
170.9202, 126.3457

■ 1.1455, 3.7114,
0.7108

155.1927,
210.6207, 160.0614

■ 0.0626, 1.5135,
0.0000

191.8334,

■ 0.0000, 0.2982,

256.0369, 199.2974

0.0000

233.8300,
307.5532, 244.4724

■ 0.0000, 0.0000,
0.0000

■ 27.3634, 44.6992,
25.9245

■ 27.3634, 44.6992,
25.9245

■ 25.3026, 43.7224,
22.0177

■ 30.0220, 45.9752,
30.3782

■ 23.7840, 43.0129,
18.6328

■ 33.3208, 47.5681,
35.3961

■ 22.7462, 42.5407,
15.7475

■ 37.3021, 49.5007,
40.9985

■ 22.2120, 42.3048,
13.9373

■ 42.0035, 51.7919,
47.2039

■ 47.4598, 54.4593,
54.0298

■ 53.7034, 57.5192,
61.4930

■ 60.7648, 60.9872,
69.6097

■ 68.6729, 64.8777,
78.3954

■ 77.1214, 69.0326,
87.8496

Harmonies

Analogous

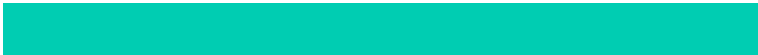
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.0555, 44.6992, 14.3442



27.3634, 44.6992, 25.9245



25.5421, 44.6992, 49.6245

Triad

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



27.3634, 44.6992, 25.9245



42.8173, 44.6992, 130.7125



61.9233, 44.6992, 24.8599

Complementary

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



27.3634, 44.6992, 25.9245



32.3545, 19.7504, 32.2451

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.



65.6323, 44.6992, 47.7275



27.3634, 44.6992, 25.9245



53.5568, 44.6992, 115.6722

Square

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



27.3634, 44.6992, 25.9245



33.5431, 44.6992, 117.3697



62.3500, 44.6992, 81.8885



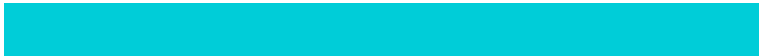
52.8902, 44.6992, 13.9282

Rectangle

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



27.3634, 44.6992, 25.9245



26.4884, 44.6992, 72.0111



62.3500, 44.6992, 81.8885



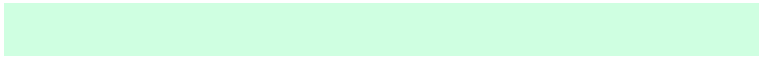
63.8941, 44.6992, 31.0111

Sweetspot

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



27.3645, 44.7010, 25.9255



74.9582, 90.1573, 84.6907



35.6373, 49.2321, 14.2813



15.4890, 19.0262, 17.4220



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.



27.3645, 44.7010, 25.9255



42.3453, 74.3965, 35.6475



32.4623, 46.7401, 52.7700



10.6619, 11.9536, 12.1696



14.0069, 26.6152, 8.9811



0.6984, 1.2743, 0.6105

Inverse Universe

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



32.3545, 19.7504, 32.2451



51.5176, 28.2820, 47.0771



28.5277, 18.2196, 12.0930



10.9052, 10.7455, 12.4841



17.4956, 8.7478, 13.0856



0.8629, 0.4280, 0.8013

Previews

White Background



This preview shows how the XYZ color 27.3634, 44.6992, 25.9245 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 27.3634, 44.6992, 25.9245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

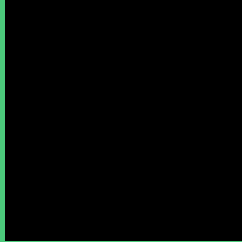
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.3634, 44.6992, 25.9245

Background



This preview shows how black text looks on a background with the XYZ color 27.3634, 44.6992, 25.9245.



This preview shows how white text looks on a background with the XYZ color 27.3634, 44.6992,

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

27.3634, 44.6992, 25.9245

Protanopia

40.6951, 43.9740, 21.9658

Deuteranopia

44.6985, 43.9165, 27.2400



Tritanopia

35.1382, 44.4845, 65.1269

Trichromacy



Original Color

27.3634, 44.6992, 25.9245



Protanomaly

33.3475, 42.8862, 23.3499



Deuteranomaly

34.8518, 42.0536, 26.3589



Tritanomaly

31.7652, 44.4401, 47.9779

Monochromacy



Original Color

27.3634, 44.6992, 25.9245



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

27.9783, 35.4690, 31.3582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3634, 44.6992, 25.9245 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(75, 201, 123)` looks like.

```
.text, #text, p{  
    color:rgb(75, 201, 123)  
}
```

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(75, 201, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 201, 123) }
```

Border

The CSS property to change the border of an element to XYZ 27.3634, 44.6992, 25.9245 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(75, 201, 123) }
```


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

```
.border{ border-color:rgb(75, 201, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 201, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 201, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 201, 123);  
box-shadow:4px 4px 4px 4px rgb(75, 201,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3634, 44.6992, 25.9245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 201, 123) }
```

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

```
.background{ background-color: rgb(75, 201,  
123) }
```

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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