

Converting Colors

XYZ(27.6303, 48.3294, 25.4662)

Have a look what the booklet for
XYZ(27.6303, 48.3294, 25.4662)
contains.

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Color

**XYZ(27.6627, 48.4559,
25.3477)**

Conversions

Conversions Part 1

Format	Color
Hex	2CD377
RGB	44, 211, 119
RGB Percent	17%, 83%, 47%
CMY	0.8274, 0.1725, 0.5333
CMYK	0.79, 0.00, 0.44, 0.17
HSL	147°, 65%, 50%
HSV	147°, 79%, 83%
XYZ	27.6627, 48.4559, 25.3477
YIQ	150.5790, -70.0000, -64.0160

Conversions

Conversions Part 2

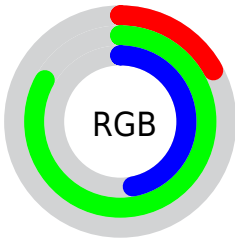
Format	Color
RYB	44, 159, 211
Decimal	2937719
CIELab	75.11, -61.37, 34.06
CIELCh	75, 70.187, 150.974
Yxy	48.4559, 0.2726, 0.4776
Android (android.graphics.Color)	4281127799 (0xFF2CD377)
YUV	150.5790, -15.5684, -93.4698
Hunter-Lab	69.6103, -50.8832, 27.1375

Details

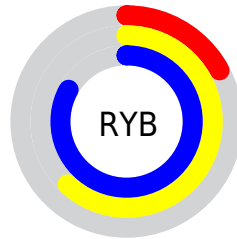
The XYZ color **27.6627, 48.4559, 25.3477** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **32.2100, 17.4287, 24.9604**, and the grayscale version is **29.3224, 30.8494, 33.5950**.

A 20% lighter version of the original color is **50.5425, 78.2805, 51.4755**, and **12.7955, 23.8724, 9.5637** is the 20% darker color. If you saturate the color by 10%, you get **26.3201, 47.8409, 21.8615**, and if you desaturate by 10%, it is **29.5535, 49.3463, 29.3075**.

Distribution



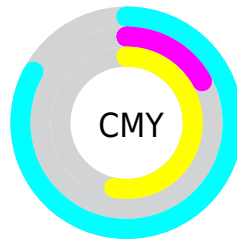
- Red (17%)
- Green (83%)
- Blue (47%)



- Red (17%)
- Yellow (62%)
- Blue (83%)



- Cyan (79%)
- Magenta (0%)
- Yellow (44%)
- Black (17%)



- Cyan (83%)
- Magenta (17%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6627, 48.4559, 25.3477 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 27.6627, 48.4559, 25.3477 by changing the saturation by 10% instead.

■ 27.6627, 48.4559,
25.3477

■ 27.6627, 48.4559,
25.3477

282.9610,
380.5964, 293.0680

■ 18.2107, 34.1881,
16.1149

■ 55.3579, 87.8828,
53.1918

■ 11.2020, 23.0381,
9.4503

■ 74.3318, 113.8107,
72.6403

■ 6.2711, 14.6217,
4.9352

■ 97.2104, 144.3940,
96.3310

■ 3.0529, 8.5543,
2.1512

■ 124.3590,
180.0172, 124.6826

■ 1.1818, 4.4516,
0.6460

■ 156.1430,
221.0646, 158.1135

■ 0.0919, 1.9293,
0.0000

192.9278,

■ 0.0000, 0.5659,

267.9207, 197.0424

0.0000

235.0787,
320.9698, 241.8877

■ 0.0000, 0.0000,
0.0000

■ 27.6627, 48.4559,
25.3477

■ 27.6627, 48.4559,
25.3477

■ 26.3201, 47.8409,
21.8615

■ 29.5535, 49.3463,
29.3075

■ 25.4177, 47.4420,
18.8246


■ 32.0530, 50.5390,
33.7557


■ 25.3499, 47.4122,
18.5851


■ 35.2175, 52.0640,
38.7106


■ 39.0953, 53.9458,
44.1882

■ 43.7300, 56.2067,
50.2038

 49.1618, 58.8672,
56.7722

 55.4277, 61.9460,
63.9073

 62.5626, 65.4607,
71.6228

 70.5992, 69.4281,
79.9316

Harmonies

Analogous

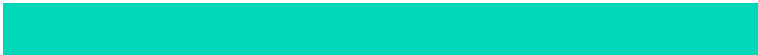
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.4808, 48.4559, 12.3874



27.6627, 48.4559, 25.3477



25.5154, 48.4559, 53.9709

Triad

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



27.6627, 48.4559, 25.3477



46.4767, 48.4559, 159.7610



70.6379, 48.4559, 24.0924

Complementary

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



27.6627, 48.4559, 25.3477



32.2100, 17.4287, 24.9604

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.



75.4201, 48.4559, 51.5678



27.6627, 48.4559, 25.3477



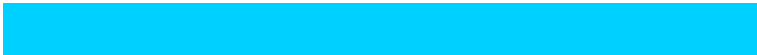
59.9687, 48.4559, 139.5898

Square

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



27.6627, 48.4559, 25.3477



35.0834, 48.4559, 141.9009



71.1973, 48.4559, 95.0507



59.1063, 48.4559, 11.9358

Rectangle

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



27.6627, 48.4559, 25.3477



26.6325, 48.4559, 82.3372



71.1973, 48.4559, 95.0507



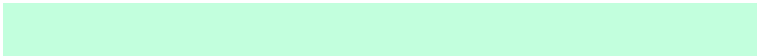
73.1747, 48.4559, 31.2796

Sweetspot

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



27.6639, 48.4579, 25.3488



71.0460, 88.1985, 81.8852



34.3367, 52.2300, 10.6548



14.5825, 18.5726, 16.7622



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.



27.6639, 48.4579, 25.3488



39.4070, 72.9975, 30.2775



34.7442, 51.2900, 62.6329



11.8738, 13.2933, 13.6919



15.3481, 28.6322, 11.4794



0.8979, 1.6168, 0.8510

Inverse Universe

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



32.2100, 17.4287, 24.9604



46.5851, 23.6232, 29.3827



28.4587, 15.9281, 5.2061



12.0774, 11.9157, 13.6832



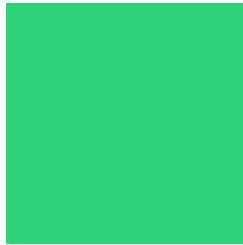
18.1757, 9.1431, 11.0971



1.0560, 0.5271, 0.8295

Previews

White Background



This preview shows how the XYZ color 27.6627, 48.4559, 25.3477 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 27.6627, 48.4559, 25.3477 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

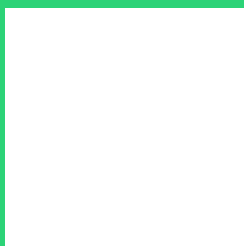
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6627, 48.4559, 25.3477

Background



This preview shows how black text looks on a background with the XYZ color 27.6627, 48.4559, 25.3477.

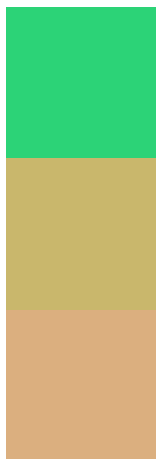


This preview shows how white text looks on a background with the XYZ color 27.6627, 48.4559,

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

27.6627, 48.4559, 25.3477

Protanopia

43.7277, 47.3672, 21.0254

Deuteranopia

48.3742, 47.2523, 26.6497



Tritanopia

37.0734, 48.3411, 72.3425

Trichromacy



Original Color

27.6627, 48.4559, 25.3477



Protanomaly

33.4962, 45.2391, 22.2958



Deuteranomaly

35.1389, 44.3902, 25.7849



Tritanomaly

32.6058, 47.8996, 51.2431

Monochromacy



Original Color

27.6627, 48.4559, 25.3477



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

26.2859, 35.1960, 29.8342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6627, 48.4559, 25.3477 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(44, 211, 119)` looks like.

```
.text, #text, p{  
    color:rgb(44, 211, 119)  
}
```

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(44, 211, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 211, 119) }
```

Border

The CSS property to change the border of an element to XYZ 27.6627, 48.4559, 25.3477 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(44, 211, 119) }
```


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

```
.border{ border-color:rgb(44, 211, 119) }
```

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

Here you see how a box with a 4 pixel rgb(44, 211, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 211, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 211, 119);  
box-shadow:4px 4px 4px 4px rgb(44, 211,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6627, 48.4559, 25.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 211, 119) }
```

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

```
.background{ background-color: rgb(44, 211,  
119) }
```

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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