

Converting Colors

XYZ(24.1258, 41.6218, 24.3451)

Have a look what the booklet for
XYZ(24.1258, 41.6218, 24.3451)
contains.

XYZ(24.1327, 41.6957, 24.2289)	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(24.1327, 41.6957,
24.2289)**

Conversions

Conversions Part 1

Format	Color
Hex	27C577
RGB	39, 197, 119
RGB Percent	15%, 77%, 47%
CMY	0.8470, 0.2274, 0.5333
CMYK	0.80, 0.00, 0.40, 0.23
HSL	150°, 67%, 46%
HSV	150°, 80%, 77%
XYZ	24.1327, 41.6957, 24.2289
YIQ	140.8660, -69.1300, -57.7540

Conversions

Conversions Part 2

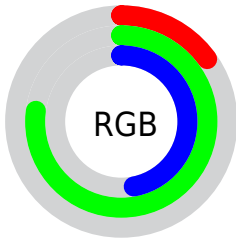
Format	Color
RYB	39, 144, 197
Decimal	2606455
CIELab	70.66, -56.93, 28.22
CIELCh	71, 63.537, 153.632
Yxy	41.6957, 0.2680, 0.4630
Android (android.graphics.Color)	4280796535 (0xFF27C577)
YUV	140.8660, -10.7799, -89.3365
Hunter-Lab	64.5722, -46.2902, 22.9536

Details

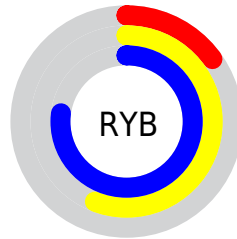
The XYZ color **24.1327, 41.6957, 24.2289** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **26.9637, 14.6066, 18.2296**, and the grayscale version is **25.3263, 26.6453, 29.0167**.

A 20% lighter version of the original color is **49.7619, 77.8781, 51.4390**, and **10.7472, 19.7757, 8.8809** is the 20% darker color. If you saturate the color by 10%, you get **23.0168, 41.1856, 21.2827**, and if you desaturate by 10%, it is **25.6976, 42.4326, 27.5101**.

Distribution



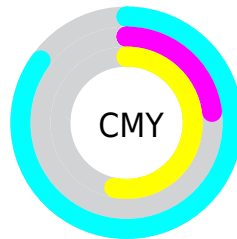
- Red (15%)
- Green (77%)
- Blue (47%)



- Red (15%)
- Yellow (56%)
- Blue (77%)



- Cyan (80%)
- Magenta (0%)
- Yellow (40%)
- Black (23%)





- Cyan (85%)
- Magenta (23%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1327, 41.6957, 24.2289 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 24.1327, 41.6957, 24.2289 by changing the saturation by 10% instead.


 24.1327, 41.6957,
24.2289


 24.1327, 41.6957,
24.2289


265.9187,
353.2199, 287.2994


 15.5574, 28.8631,
15.2897

 49.6998, 77.7389,
51.3520


 9.3003, 18.9773,
8.8741


 67.4222, 101.7182,
70.3730


 4.9963, 11.6539,
4.5635


 88.9244, 130.1819,
93.5917

 2.2798, 6.5084,
1.9393

 114.5716,
163.5144, 121.4266

 0.7843, 3.1566,
0.5176

 144.7293,
202.1001, 154.2963

 0.0000, 1.2140,
0.0000

179.7628,

 0.0000, 0.0731,

246.3233, 192.6193

0.0000

220.0375,
296.5684, 236.8142

■ 0.0000, 0.0000,
0.0000

■ 24.1327, 41.6957,
24.2289

■ 24.1327, 41.6957,
24.2289

■ 23.0168, 41.1856,
21.2827

■ 25.6976, 42.4326,
27.5101

■ 22.2550, 40.8492,
18.7040

■ 27.7625, 43.4190,
31.1347

■ 30.3749, 44.6803,
35.1147

■ 33.5752, 46.2373,
39.4600

■ 37.4002, 48.1086,
44.1803

■ 41.8833, 50.3114,
49.2850

■ 47.0557, 52.8615,
54.7829

■ 52.9462, 55.7737,
60.6827

■ 59.5823, 59.0620,
66.9926

Harmonies

Analogous

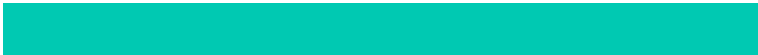
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.4520, 41.6957, 12.2358



24.1327, 41.6957, 24.2289



22.6804, 41.6957, 49.1680

Triad

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



24.1327, 41.6957, 24.2289



40.9254, 41.6957, 131.1992



58.9655, 41.6957, 20.2839

Complementary

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



24.1327, 41.6957, 24.2289



26.9637, 14.6066, 18.2296

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.



63.4326, 41.6957, 41.8287



24.1327, 41.6957, 24.2289



51.9193, 41.6957, 112.7101

Square

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



24.1327, 41.6957, 24.2289



31.3103, 41.6957, 119.5714



60.6509, 41.6957, 76.2864



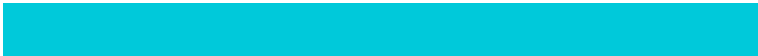
49.3078, 41.6957, 10.7680

Rectangle

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



24.1327, 41.6957, 24.2289



23.8407, 41.6957, 72.7982



60.6509, 41.6957, 76.2864



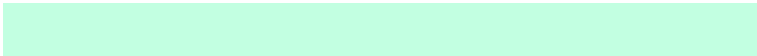
61.1945, 41.6957, 25.9157

Sweetspot

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



24.1338, 41.6974, 24.2299



71.5183, 88.3875, 84.3728



27.8050, 43.9323, 8.9342



14.6954, 18.6177, 17.3566



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.



24.1338, 41.6974, 24.2299



40.2010, 73.3111, 34.6396



30.8823, 44.3968, 59.7671



10.7178, 11.9760, 12.4640



14.6799, 26.8843, 12.5246



0.7316, 1.2876, 0.7855

Inverse Universe

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



26.9637, 14.6066, 18.2296



45.4511, 23.1216, 23.5590



24.1188, 13.4686, 3.2483



10.8485, 10.7228, 12.1854



16.6143, 8.3953, 8.4449



0.8233, 0.4121, 0.5925

Previews

White Background



This preview shows how the XYZ color 24.1327, 41.6957, 24.2289 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 24.1327, 41.6957, 24.2289 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 24.1327, 41.6957, 24.2289

Background



This preview shows how black text looks on a background with the XYZ color 24.1327, 41.6957, 24.2289.

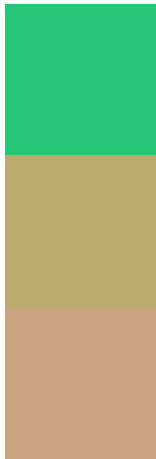


This preview shows how white text looks on a background with the XYZ color 24.1327, 41.6957,

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

24.1327, 41.6957, 24.2289

Protanopia

37.8167, 40.7947, 20.3490

Deuteranopia

41.4633, 40.6398, 25.7376



Tritanopia

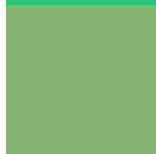
31.6554, 41.4672, 62.2127

Trichromacy



Original Color

24.1327, 41.6957, 24.2289



Protanomaly

28.9748, 38.8213, 21.5889



Deuteranomaly

30.4911, 38.3455, 24.8632



Tritanomaly

28.1915, 41.3301, 45.5214

Monochromacy



Original Color

24.1327, 41.6957, 24.2289



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

22.6874, 30.1262, 26.8095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1327, 41.6957, 24.2289 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(39, 197, 119)` looks like.

```
.text, #text, p{  
    color:rgb(39, 197, 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(39, 197, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 197, 119) }
```

Border

The CSS property to change the border of an element to XYZ 24.1327, 41.6957, 24.2289 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(39, 197, 119) }
```


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

```
.border{ border-color:rgb(39, 197, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 197, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 197, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 197, 119);  
box-shadow:4px 4px 4px 4px rgb(39, 197,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1327, 41.6957, 24.2289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 197, 119) }
```

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

```
.background{ background-color: rgb(39, 197,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor