

Converting Colors

XYZ(24.8742, 33.4591, 37.0455)

Have a look what the booklet for
XYZ(24.8742, 33.4591, 37.0455)
contains.

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Color

**XYZ(24.8742, 33.4591,
37.0455)**

Conversions

Conversions Part 1

Format	Color
Hex	5CAA9D
RGB	92, 170, 157
RGB Percent	36%, 67%, 62%
CMY	0.6392, 0.3333, 0.3843
CMYK	0.46, 0.00, 0.08, 0.33
HSL	170°, 31%, 51%
HSV	170°, 46%, 67%
XYZ	24.8742, 33.4591, 37.0455
YIQ	145.1960, -42.3150, -20.5790

Conversions

Conversions Part 2

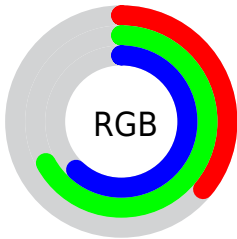
Format	Color
RYB	92, 135, 170
Decimal	6072989
CIELab	64.53, -27.30, -0.78
CIElCh	65, 27.306, 181.628
Yxy	33.4591, 0.2608, 0.3508
Android (android.graphics.Color)	4284263069 (0xFF5CAA9D)
YUV	145.1960, 5.8194, -46.6529
Hunter-Lab	57.8438, -24.4676, 2.5190

Details

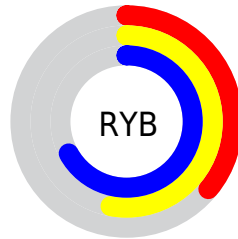
The XYZ color **24.8742, 33.4591, 37.0455** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **22.9557, 17.2213, 15.4801**, and the grayscale version is **26.9836, 28.3888, 30.9154**.

A 20% lighter version of the original color is **50.9868, 65.2989, 71.5447**, and **9.6559, 14.1205, 15.8523** is the 20% darker color. If you saturate the color by 10%, you get **23.1239, 32.5852, 35.7158**, and if you desaturate by 10%, it is **27.0131, 34.5343, 38.4241**.

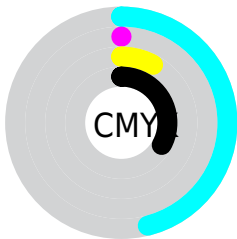
Distribution



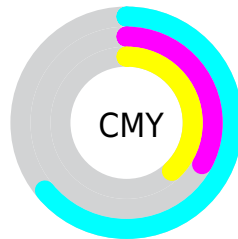
- Red (36%)
- Green (67%)
- Blue (62%)



- Red (36%)
- Yellow (53%)
- Blue (67%)



- Cyan (46%)
- Magenta (0%)
- Yellow (8%)
- Black (33%)



- Cyan (64%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8742, 33.4591, 37.0455 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 24.8742, 33.4591, 37.0455 by changing the saturation by 10% instead.

■ 24.8742, 33.4591,
37.0455

■ 24.8742, 33.4591,
37.0455

269.5701,
317.7134, 348.6821

■ 16.1116, 22.4784,
24.9467

■ 50.8974, 65.0916,
71.8299

■ 9.6945, 14.2088,
15.8187

■ 68.8888, 86.5122,
95.3525

■ 5.2576, 8.2661,
9.2430

■ 90.6870, 112.1816,
123.5201

■ 2.4355, 4.2657,
4.8010

■ 116.6576,
142.4841, 156.7512

■ 0.8628, 1.8233,
2.0743

147.1658,
177.8041, 195.4645

■ 0.0000, 0.5016,
0.6004

182.5771,

■ 0.0000, 0.0000,

218.5261, 240.0783

0.0000

223.2567,
265.0344, 291.0114

■ 24.8742, 33.4591,
37.0455

■ 24.8742, 33.4591,
37.0455

■ 23.1239, 32.5852,
35.7158

■ 27.0131, 34.5343,
38.4241

■ 21.7334, 31.8954,
34.4314

■ 29.5613, 35.8190,
39.8506

■ 20.6748, 31.3760,
33.1914


■ 32.5411, 37.3255,
41.3271


■ 19.9144, 31.0097,
31.9940


■ 35.9727, 39.0643,
42.8545


■ 19.4082, 30.7739,
30.8371


■ 39.8748, 41.0450,
44.4340

 19.2327, 30.6935,
30.3703

 44.2651, 43.2767,
46.0666

 49.1605, 45.7681,
47.7533

 54.5768, 48.5274,
49.4950

 60.5294, 51.5625,
51.2926

Harmonies

Analogous

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



25.6447, 33.4591, 27.1422



24.8742, 33.4591, 37.0455



25.8300, 33.4591, 48.9055

Triad

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



24.8742, 33.4591, 37.0455



35.9022, 33.4591, 57.9686



35.5032, 33.4591, 20.6027

Complementary

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



24.8742, 33.4591, 37.0455



22.9557, 17.2213, 15.4801

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.



38.6299, 33.4591, 26.2820



24.8742, 33.4591, 37.0455



38.8732, 33.4591, 47.6293

Square

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



24.8742, 33.4591, 37.0455



32.0156, 33.4591, 62.4173



39.9094, 33.4591, 35.8239



31.5891, 33.4591, 18.8927

Rectangle

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



24.8742, 33.4591, 37.0455



27.3668, 33.4591, 56.0146



39.9094, 33.4591, 35.8239



36.6920, 33.4591, 22.0445

Sweetspot

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



24.8752, 33.4604, 37.0463



59.9966, 68.2049, 75.4254



22.2872, 32.6061, 15.2449



13.1047, 15.0708, 16.6921



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.8752, 33.4604, 37.0463



41.9213, 59.1038, 64.7726



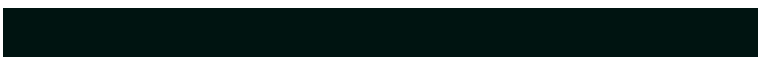
21.8417, 25.5214, 41.8067



7.6930, 8.5103, 9.3697



14.1648, 22.5847, 22.4326



0.3584, 0.5550, 0.6185

Inverse Universe

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



22.9557, 17.2213, 15.4801



38.0200, 25.9484, 20.8286



24.8369, 21.9727, 13.0581



7.5802, 7.5620, 8.1068



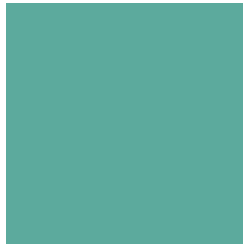
12.3664, 6.3553, 1.4751



0.3153, 0.1604, 0.1120

Previews

White Background



This preview shows how the XYZ color 24.8742, 33.4591, 37.0455 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 24.8742, 33.4591, 37.0455 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 24.8742, 33.4591, 37.0455

Background



This preview shows how black text looks on a background with the XYZ color 24.8742, 33.4591, 37.0455.

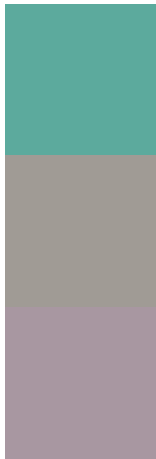


This preview shows how white text looks on a background with the XYZ color 24.8742, 33.4591,

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

24.8742, 33.4591, 37.0455

Protanopia

31.6434, 33.0862, 33.1523

Deuteranopia

33.6481, 33.0313, 38.3204



Tritanopia

27.2025, 33.5854, 48.2289

Trichromacy



Original Color

24.8742, 33.4591, 37.0455

Protanomaly

28.2300, 32.5595, 34.5025

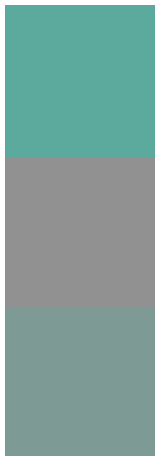
Deuteranomaly

29.3872, 32.5672, 37.9949

Tritanomaly

26.2729, 33.4706, 44.1055

Monochromacy



Original Color

24.8742, 33.4591, 37.0455

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.5846, 29.7167, 32.8212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8742, 33.4591, 37.0455 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(92, 170, 157)` looks like.

```
.text, #text, p{  
    color:rgb(92, 170, 157)  
}
```

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(92, 170, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 170, 157) }
```

Border

The CSS property to change the border of an element to XYZ 24.8742, 33.4591, 37.0455 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(92, 170, 157) }
```


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

```
.border{ border-color:rgb(92, 170, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 170, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 170, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 170, 157);  
box-shadow:4px 4px 4px 4px rgb(92, 170,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8742, 33.4591, 37.0455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 170, 157) }
```

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

```
.background{ background-color: rgb(92, 170,  
157) }
```

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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