

Converting Colors

XYZ(37.3475, 52.7507, 37.9535)

Have a look what the booklet for
XYZ(37.3475, 52.7507, 37.9535)
contains.

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Color

**XYZ(37.3183, 52.7958,
37.9295)**

Conversions

Conversions Part 1

Format	Color
Hex	7ED298
RGB	126, 210, 152
RGB Percent	49%, 82%, 60%
CMY	0.5059, 0.1765, 0.4039
CMYK	0.40, 0.00, 0.28, 0.18
HSL	139°, 48%, 66%
HSV	139°, 40%, 82%
XYZ	37.3183, 52.7958, 37.9295
YIQ	178.2720, -31.4460, -35.8460

Conversions

Conversions Part 2

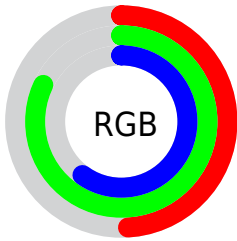
Format	Color
RYB	126, 190, 210
Decimal	8311448
CIELab	77.75, -37.99, 20.92
CIELCh	78, 43.367, 151.156
Yxy	52.7958, 0.2914, 0.4123
Android (android.graphics.Color)	4286501528 (0xFF7ED298)
YUV	178.2720, -12.9521, -45.8425
Hunter-Lab	72.6607, -35.4793, 19.9126

Details

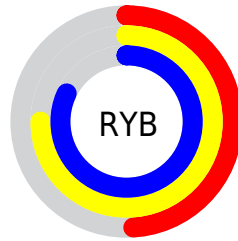
The XYZ color **37.3183, 52.7958, 37.9295** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **42.6927, 32.0852, 49.2924**, and the grayscale version is **42.5405, 44.7559, 48.7392**.

A 20% lighter version of the original color is **66.1920, 85.9213, 71.4883**, and **16.7428, 25.7600, 16.4017** is the 20% darker color. If you saturate the color by 10%, you get **33.4249, 50.9191, 31.9227**, and if you desaturate by 10%, it is **42.0097, 55.0701, 44.7339**.

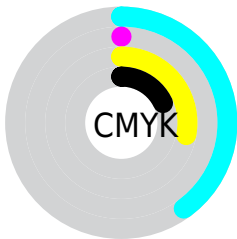
Distribution



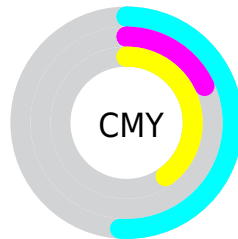
- Red (49%)
- Green (82%)
- Blue (60%)



- Red (49%)
- Yellow (75%)
- Blue (82%)



- Cyan (40%)
- Magenta (0%)
- Yellow (28%)
- Black (18%)





- Cyan (51%)
- Magenta (18%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3183, 52.7958, 37.9295 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 37.3183, 52.7958, 37.9295 by changing the saturation by 10% instead.


 37.3183, 52.7958,
37.9295


 37.3183, 52.7958,
37.9295


326.0182,
397.5012, 352.6066


 25.6288, 37.6398,
25.6266

 70.3727, 94.3038,
73.2023

 16.6774, 25.7032,
16.3212


 92.4684, 121.4246,
97.0092

 10.0986, 16.6018,
9.5949


 118.7635,
153.3025, 125.4879

 5.5272, 9.9510,
5.0292

149.6234,
190.3217, 159.0569

 2.5977, 5.3665,
2.2053

185.4135,
232.8669, 198.1347

 0.9448, 2.4638,
0.6774

226.4991,

 0.0000, 0.8584,

281.3222, 243.1399

0.0000

273.2455,
336.0722, 294.4910

■ 0.0000, 0.0000,
0.0000

■ 37.3183, 52.7958,
37.9295

■ 37.3183, 52.7958,
37.9295

■ 33.4249, 50.9191,
31.9227

■ 42.0097, 55.0701,
44.7339

■ 30.2791, 49.4101,
26.6805

■ 47.5374, 57.7566,
52.3602

■ 27.8310, 48.2454,
22.1729

■ 53.9419, 60.8773,
60.8360


■ 26.0228, 47.3956,
18.3665


■ 61.2602, 64.4506,
70.1866


■ 24.7864, 46.8264,
15.2249

■ 69.5268, 68.4939,
80.4361

 24.0017, 46.4768,
12.7069

 78.7746, 73.0237,
91.6079

 82.0978, 74.4792,
103.3996

 82.3376, 74.5752,
104.6625

Harmonies

Analogous

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



42.2779, 52.7958, 26.2864



37.3183, 52.7958, 37.9295



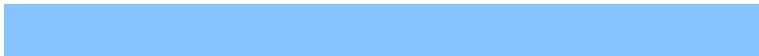
35.6998, 52.7958, 58.4245

Triad

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



37.3183, 52.7958, 37.9295



50.5076, 52.7958, 117.2609



65.3143, 52.7958, 36.7169

Complementary

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



37.3183, 52.7958, 37.9295



42.6927, 32.0852, 49.2924

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.



68.1278, 52.7958, 56.5569



37.3183, 52.7958, 37.9295



59.0118, 52.7958, 106.8653

Square

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



37.3183, 52.7958, 37.9295



42.7837, 52.7958, 108.2833



65.7038, 52.7958, 82.8195



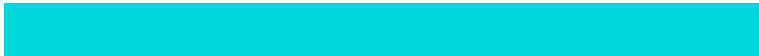
58.3849, 52.7958, 25.7361

Rectangle

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



37.3183, 52.7958, 37.9295



36.5720, 52.7958, 75.8534



65.7038, 52.7958, 82.8195



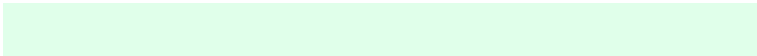
66.8054, 52.7958, 42.3517

Sweetspot

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



37.3197, 52.7980, 37.9307



81.4574, 93.3644, 91.4728



46.7738, 57.8914, 28.4482



17.1456, 19.8426, 19.1988



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.



37.3197, 52.7980, 37.9307



52.6715, 79.3947, 50.8198



41.3004, 54.3903, 58.8928



11.8048, 13.2657, 13.3287



14.6800, 28.3649, 7.9609



0.8563, 1.6002, 0.6321

Inverse Universe

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



42.6927, 32.0852, 49.2924



62.1122, 42.9415, 70.7390



38.9835, 30.6016, 29.7602



12.1485, 11.9441, 14.0579



19.3769, 9.6236, 17.4228



1.1182, 0.5520, 1.1570

Previews

White Background



This preview shows how the XYZ color 37.3183, 52.7958, 37.9295 looks on a white background.

Color Contrast Check

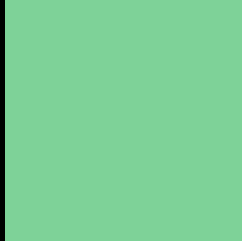
Large Text (above 18pt) WCAG AA × Fail

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 37.3183, 52.7958, 37.9295 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

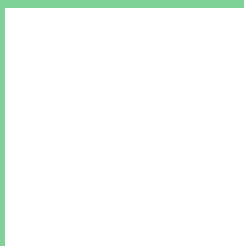
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.3183, 52.7958, 37.9295

Background



This preview shows how black text looks on a background with the XYZ color 37.3183, 52.7958, 37.9295.



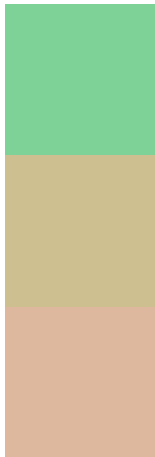
This preview shows how white text looks on a background with the XYZ color 37.3183, 52.7958,

37.9295.

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

37.3183, 52.7958, 37.9295

Protanopia

48.7656, 52.2239, 33.4966

Deuteranopia

53.1308, 52.1218, 39.6080



Tritanopia

44.3568, 52.4107, 74.1081

Trichromacy



Original Color

37.3183, 52.7958, 37.9295



Protanomaly

43.2869, 51.6936, 34.8905



Deuteranomaly

45.3204, 50.9793, 38.9038



Tritanomaly

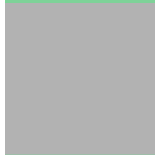
41.3221, 52.2317, 58.9427

Monochromacy



Original Color

37.3183, 52.7958, 37.9295



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

39.8730, 47.0624, 44.5185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3183, 52.7958, 37.9295 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(126, 210, 152)` looks like.

```
.text, #text, p{  
    color:rgb(126, 210, 152)  
}
```

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(126, 210, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 210, 152) }
```

Border

The CSS property to change the border of an element to XYZ 37.3183, 52.7958, 37.9295 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(126, 210, 152) }
```


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

```
.border{ border-color:rgb(126, 210, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 210, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 210, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 210, 152);  
box-shadow:4px 4px 4px 4px rgb(126, 210,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3183, 52.7958, 37.9295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 210, 152) }
```

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

```
.background{ background-color: rgb(126,  
210, 152) }
```

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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