

Converting Colors

XYZ(37.8181, 47.6220, 60.6248)

Have a look what the booklet for
XYZ(37.8181, 47.6220, 60.6248)
contains.

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Color

**XYZ(37.8181, 47.6220,
60.6248)**

Conversions

Conversions Part 1

Format	Color
Hex	79C4C6
RGB	121, 196, 198
RGB Percent	47%, 77%, 78%
CMY	0.5255, 0.2314, 0.2235
CMYK	0.39, 0.01, 0.00, 0.22
HSL	182°, 40%, 63%
HSV	182°, 39%, 78%
XYZ	37.8181, 47.6220, 60.6248
YIQ	173.8030, -45.3420, -15.2780

Conversions

Conversions Part 2

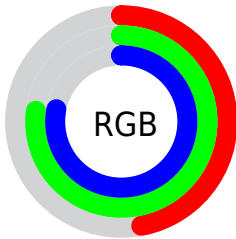
Format	Color
RYB	121, 159, 198
Decimal	7980230
CIELab	74.59, -22.70, -8.35
CIELCh	75, 24.191, 200.200
Yxy	47.6220, 0.2589, 0.3260
Android (android.graphics.Color)	4286170310 (0xFF79C4C6)
YUV	173.8030, 11.9291, -46.3082
Hunter-Lab	69.0087, -22.9438, -3.7807

Details

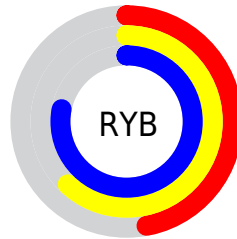
The XYZ color **37.8181, 47.6220, 60.6248** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **33.8235, 27.5527, 21.6257**, and the grayscale version is **40.0896, 42.1774, 45.9311**.

A 20% lighter version of the original color is **71.3067, 86.8177, 107.6070**, and **16.9538, 22.5179, 29.8384** is the 20% darker color. If you saturate the color by 10%, you get **35.2078, 46.1057, 60.4705**, and if you desaturate by 10%, it is **41.0011, 49.4364, 60.8081**.

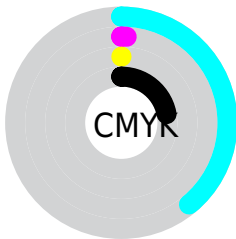
Distribution



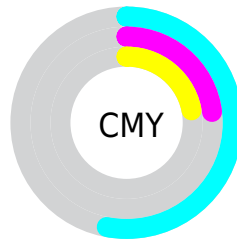
- Red (47%)
- Green (77%)
- Blue (78%)



- Red (47%)
- Yellow (62%)
- Blue (78%)



- Cyan (39%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (53%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8181, 47.6220, 60.6248 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 37.8181, 47.6220, 60.6248 by changing the saturation by 10% instead.

■ 37.8181, 47.6220,
60.6248

■ 37.8181, 47.6220,
60.6248

328.1334,
377.2919, 444.7654

■ 26.0181, 33.5276,
43.4939

■ 71.1349, 86.6413,
107.2877

■ 16.9699, 22.5310,
29.9385

■ 93.3825, 112.3351,
137.6568

■ 10.3082, 14.2476,
19.5403

■ 119.8433,
142.6641, 173.2756

■ 5.6676, 8.2930,
11.8806

150.8827,
178.0128, 214.5627

■ 2.6828, 4.2830,
6.5408

186.8661,
218.7655, 261.9368

■ 0.9883, 1.8331,
3.1026

228.1587,

■ 0.0000, 0.5077,

265.3067, 315.8162

1.1473

275.1261,
318.0206, 376.6195

■ 0.0000, 0.0000,
0.0000

■ 37.8181, 47.6220,
60.6248

■ 37.8181, 47.6220,
60.6248

■ 35.2078, 46.1057,
60.4705

■ 41.0011, 49.4364,
60.8081

■ 33.1309, 44.8639,
60.3403

■ 44.7846, 51.5598,
61.0185

■ 31.5498, 43.8783,
60.2334

■ 49.1999, 54.0094,
61.2586

■ 30.4203, 43.1260,
60.1477

■ 54.2745, 56.7996,
61.5297

■ 29.6903, 42.5803,
60.0809

■ 60.0347, 59.9438,
61.8330

■ 29.2733, 42.1965,
60.0288

■ 66.5051, 63.4547,
62.1697

■ 29.2331, 42.1570,
60.0233

■ 71.9949, 66.4607,
62.4605

■ 72.1138, 66.6984,
62.5002

■ 72.2330, 66.9370,
62.5399

Harmonies

Analogous

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



37.4690, 47.6220, 47.8586



37.8181, 47.6220, 60.6248



40.0889, 47.6220, 72.6533

Triad

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



37.8181, 47.6220, 60.6248



52.0393, 47.6220, 68.8543



46.7103, 47.6220, 31.5495

Complementary

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



37.8181, 47.6220, 60.6248



33.8235, 27.5527, 21.6257

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.



50.8647, 47.6220, 35.4568



37.8181, 47.6220, 60.6248



54.0698, 47.6220, 56.0621

Square

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



37.8181, 47.6220, 60.6248



48.2309, 47.6220, 77.9100



53.6266, 47.6220, 43.9696



42.4200, 47.6220, 32.3681

Rectangle

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



37.8181, 47.6220, 60.6248



42.4730, 47.6220, 77.9857



53.6266, 47.6220, 43.9696



48.1732, 47.6220, 32.3261

Sweetspot

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



37.8195, 47.6239, 60.6259



84.4218, 94.1457, 108.3302



31.6106, 45.8662, 25.6926



17.8445, 20.0262, 23.1749



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.



37.8195, 47.6239, 60.6259



62.8418, 81.9352, 107.1107



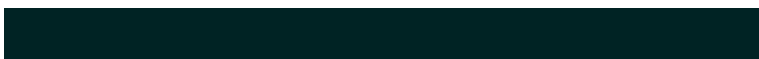
30.3431, 32.6710, 58.1338



10.9222, 12.0185, 13.6616



19.0210, 27.4359, 39.0375



0.9083, 1.3143, 1.8510

Inverse Universe

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



40.0910, 29.6672, 55.8399



67.4782, 45.6512, 97.2594



39.4479, 38.8014, 23.5005



11.0708, 10.8117, 13.3559



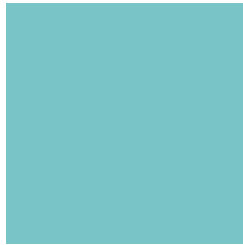
21.4003, 10.3097, 33.6472



1.0171, 0.4897, 1.6135

Previews

White Background



This preview shows how the XYZ color 37.8181, 47.6220, 60.6248 looks on a white background.

Color Contrast Check

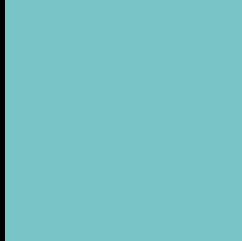
Large Text (above 18pt) WCAG AA × Fail

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 37.8181, 47.6220, 60.6248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

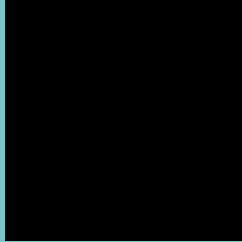
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8181, 47.6220, 60.6248

Background



This preview shows how black text looks on a background with the XYZ color 37.8181, 47.6220, 60.6248.

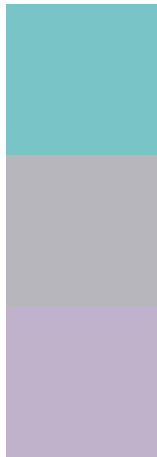


This preview shows how white text looks on a background with the XYZ color 37.8181, 47.6220,

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

37.8181, 47.6220, 60.6248

Protanopia

45.6804, 47.3204, 54.8702

Deuteranopia

48.0669, 47.1814, 62.4506



Tritanopia

39.2368, 47.5218, 68.0774

Trichromacy



Original Color

37.8181, 47.6220, 60.6248

Protanomaly

41.9827, 46.9235, 56.7136

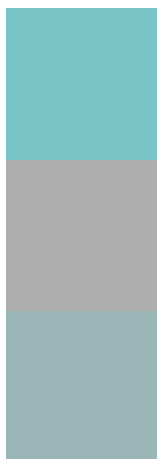
Deuteranomaly

43.6175, 47.0220, 62.0356

Tritanomaly

38.8241, 47.6974, 65.5528

Monochromacy



Original Color

37.8181, 47.6220, 60.6248

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

38.7928, 43.8434, 51.2178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8181, 47.6220, 60.6248 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(121, 196, 198)` looks like.

```
.text, #text, p{  
    color:rgb(121, 196, 198)  
}
```

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(121, 196, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 196, 198) }
```

Border

The CSS property to change the border of an element to XYZ 37.8181, 47.6220, 60.6248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

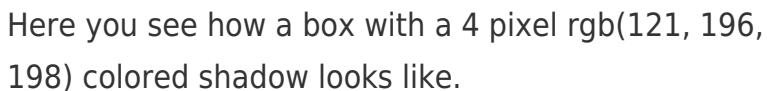
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(121, 196, 198) }
```


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

```
.border{ border-color:rgb(121, 196, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(121, 196, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 196, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 196, 198); box-shadow:4px 4px 4px 4px rgb(121, 196, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8181, 47.6220, 60.6248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 196, 198) }
```

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

```
.background{ background-color: rgb(121,  
196, 198) }
```

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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