

Converting Colors

XYZ(31.0023, 40.6424, 41.8081)

Have a look what the booklet for
XYZ(31.0023, 40.6424, 41.8081)
contains.

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Color

**XYZ(31.0023, 40.6424,
41.8081)**

Conversions

Conversions Part 1

Format	Color
Hex	73B8A5
RGB	115, 184, 165
RGB Percent	45%, 72%, 65%
CMY	0.5490, 0.2784, 0.3529
CMYK	0.37, 0.00, 0.10, 0.28
HSL	163°, 33%, 59%
HSV	163°, 37%, 72%
XYZ	31.0023, 40.6424, 41.8081
YIQ	161.2030, -35.0250, -20.5370

Conversions

Conversions Part 2

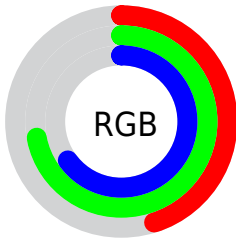
Format	Color
RYB	115, 155, 184
Decimal	7583909
CIELab	69.92, -26.18, 2.78
CIElCh	70, 26.330, 173.940
Yxy	40.6424, 0.2733, 0.3582
Android (android.graphics.Color)	4285773989 (0xFF73B8A5)
YUV	161.2030, 1.8719, -40.5200
Hunter-Lab	63.7514, -24.7604, 5.7437

Details

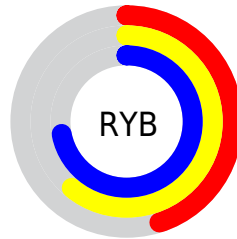
The XYZ color **31.0023, 40.6424, 41.8081** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **30.2024, 24.1742, 25.6302**, and the grayscale version is **33.9748, 35.7442, 38.9254**.

A 20% lighter version of the original color is **60.4405, 75.9225, 79.1791**, and **13.0835, 18.4490, 18.4942** is the 20% darker color. If you saturate the color by 10%, you get **28.3681, 39.3377, 39.3253**, and if you desaturate by 10%, it is **34.1400, 42.2067, 44.4116**.

Distribution



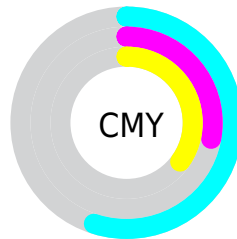
- Red (45%)
- Green (72%)
- Blue (65%)



- Red (45%)
- Yellow (61%)
- Blue (72%)



- Cyan (37%)
- Magenta (0%)
- Yellow (10%)
- Black (28%)





- Cyan (55%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0023, 40.6424, 41.8081 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 31.0023, 40.6424, 41.8081 by changing the saturation by 10% instead.


 31.0023, 40.6424,
41.8081


 31.0023, 40.6424,
41.8081


298.3756,
348.8238, 369.4630


 20.7524, 28.0398,
28.6266


 60.6195, 76.1407,
79.1761

 13.0546, 18.3556,
18.5554


 80.7176, 99.8053,
104.1996

 7.5434, 11.2056,
11.1759

 104.8291,
127.9258, 134.0076

 3.8535, 6.2053,
6.0696

133.3194,
160.8869, 169.0186

 1.6196, 2.9703,
2.8180

166.5538,
199.0728, 209.6510

 0.4051, 1.1163,
1.0025

204.8978,

 0.0000, 0.0000,

242.8680, 256.3236

0.0000

248.7166,
292.6569, 309.4547

■ 31.0023, 40.6424,
41.8081

■ 31.0023, 40.6424,
41.8081

■ 28.3681, 39.3377,
39.3253

■ 34.1400, 42.2067,
44.4116

■ 26.2049, 38.2727,
36.9580

■ 37.8045, 44.0393,
47.1354

■ 24.4816, 37.4324,
34.7046

■ 42.0218, 46.1547,
49.9825

■ 23.1620, 36.7981,
32.5621

■ 46.8149, 48.5648,
52.9552

■ 22.2035, 36.3481,
30.5274

■ 52.2058, 51.2809,
56.0555

■ 21.5437, 36.0500,
28.5965

■ 58.2151, 54.3135,
59.2853

■ 21.3977, 35.9850,
28.1284

■ 64.8624, 57.6728,
62.6466

■ 69.4658, 59.9762,
66.0148

■ 70.0897, 60.2258,
69.3002

Harmonies

Analogous

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



32.3447, 40.6424, 31.7662



31.0023, 40.6424, 41.8081



31.5781, 40.6424, 54.5340

Triad

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



31.0023, 40.6424, 41.8081



42.0698, 40.6424, 69.5104



43.6847, 40.6424, 27.7878

Complementary

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



31.0023, 40.6424, 41.8081



30.2024, 24.1742, 25.6302

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.



46.6591, 40.6424, 35.3523



31.0023, 40.6424, 41.8081



45.6796, 40.6424, 59.6451

Square

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



31.0023, 40.6424, 41.8081



37.7661, 40.6424, 72.1067



47.4148, 40.6424, 46.7907



39.5057, 40.6424, 24.6921

Rectangle

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



31.0023, 40.6424, 41.8081



32.9955, 40.6424, 62.7273



47.4148, 40.6424, 46.7907



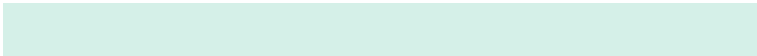
44.8706, 40.6424, 29.8163

Sweetspot

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



31.0034, 40.6440, 41.8090



73.2370, 82.1908, 88.6756



30.1557, 40.6341, 22.4743



15.5655, 17.6068, 18.9670



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



31.0034, 40.6440, 41.8090



52.1941, 71.6888, 72.0561



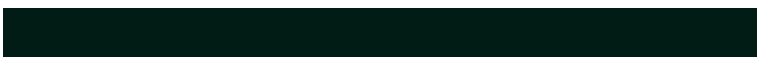
29.9206, 35.5016, 50.6247



9.1583, 10.1673, 10.9910



14.7776, 24.8120, 19.5487



0.5456, 0.8846, 0.8191

Inverse Universe

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



30.2024, 24.1742, 25.6302



50.5430, 37.5229, 38.5470



30.8390, 27.3814, 19.8803



9.1035, 9.0518, 9.8926



14.0564, 7.1963, 2.9180



0.5226, 0.2645, 0.2453

Previews

White Background



This preview shows how the XYZ color 31.0023, 40.6424, 41.8081 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 31.0023, 40.6424, 41.8081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

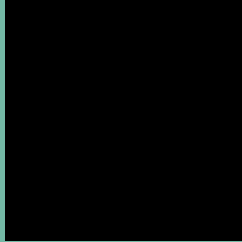
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.0023, 40.6424, 41.8081

Background



This preview shows how black text looks on a background with the XYZ color 31.0023, 40.6424, 41.8081.

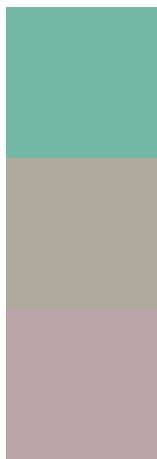


This preview shows how white text looks on a background with the XYZ color 31.0023, 40.6424,

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

31.0023, 40.6424, 41.8081

Protanopia

38.1783, 40.0404, 37.6146

Deuteranopia

41.1101, 40.3396, 43.1557



Tritanopia

34.0849, 40.6751, 57.0936

Trichromacy



Original Color

31.0023, 40.6424, 41.8081

Protanomaly

34.8076, 39.6802, 39.0822

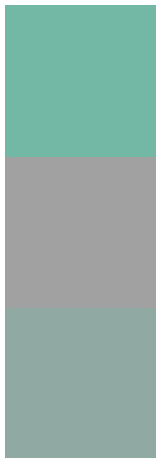
Deuteranomaly

36.5183, 39.9093, 42.8243

Tritanomaly

32.6789, 40.3886, 50.8732

Monochromacy



Original Color

31.0023, 40.6424, 41.8081

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.2112, 36.9139, 39.6098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0023, 40.6424, 41.8081 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(115, 184, 165)` looks like.

```
.text, #text, p{  
    color:rgb(115, 184, 165)  
}
```

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(115, 184, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 184, 165) }
```

Border

The CSS property to change the border of an element to XYZ 31.0023, 40.6424, 41.8081 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(115, 184, 165) }
```


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

```
.border{ border-color:rgb(115, 184, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 184, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 184, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 184, 165);  
box-shadow:4px 4px 4px 4px rgb(115, 184,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0023, 40.6424, 41.8081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 184, 165) }
```

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

```
.background{ background-color: rgb(115,  
184, 165) }
```

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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