

Converting Colors

XYZ(31.5823, 40.5585, 45.1937)

Have a look what the booklet for
XYZ(31.5823, 40.5585, 45.1937)
contains.

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Color

**XYZ(31.5823, 40.5585,
45.1937)**

Conversions

Conversions Part 1

Format	Color
Hex	74B7AC
RGB	116, 183, 172
RGB Percent	45%, 72%, 67%
CMY	0.5451, 0.2823, 0.3255
CMYK	0.37, 0.00, 0.06, 0.28
HSL	170°, 32%, 59%
HSV	170°, 37%, 72%
XYZ	31.5823, 40.5585, 45.1937
YIQ	161.7130, -36.4010, -17.6250

Conversions

Conversions Part 2

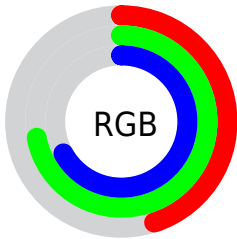
Format	Color
RYB	116, 152, 183
Decimal	7649196
CIELab	69.87, -23.79, -1.14
CIELCh	70, 23.822, 182.754
Yxy	40.5585, 0.2692, 0.3457
Android (android.graphics.Color)	4285839276 (0xFF74B7AC)
YUV	161.7130, 5.0715, -40.0903
Hunter-Lab	63.6856, -22.9298, 2.5054

Details

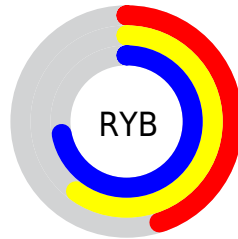
The XYZ color **31.5823, 40.5585, 45.1937** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.6060, 24.0914, 23.1699**, and the grayscale version is **34.1986, 35.9795, 39.1817**.

A 20% lighter version of the original color is **61.5262, 75.9370, 84.0876**, and **13.4227, 18.3781, 20.6092** is the 20% darker color. If you saturate the color by 10%, you get **29.1002, 39.3129, 43.5887**, and if you desaturate by 10%, it is **34.5525, 42.0570, 46.8574**.

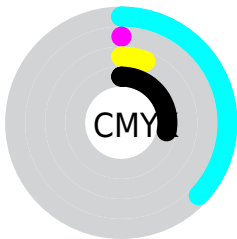
Distribution



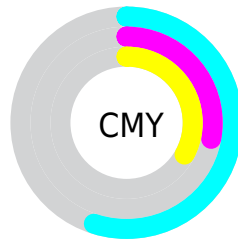
- Red (45%)
- Green (72%)
- Blue (67%)



- Red (45%)
- Yellow (60%)
- Blue (72%)



- Cyan (37%)
- Magenta (0%)
- Yellow (6%)
- Black (28%)



- Cyan (55%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5823, 40.5585, 45.1937 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 31.5823, 40.5585, 45.1937 by changing the saturation by 10% instead.

■ 31.5823, 40.5585,
45.1937

■ 31.5823, 40.5585,
45.1937

300.9913,
348.4720, 383.7405

■ 21.1967, 27.9743,
31.2660

■ 61.5253, 76.0132,
84.3325

■ 13.3811, 18.3063,
20.5413

■ 81.8134, 99.6525,
110.3807

■ 7.7703, 11.1701,
12.6012

■ 106.1330,
127.7456, 141.3061

■ 3.9989, 6.1814,
7.0270

134.8495,
160.6769, 177.5273

■ 1.7015, 2.9557,
3.4003

168.3282,
198.8308, 219.4628

■ 0.4572, 1.1086,
1.3025

206.9345,

■ 0.0000, 0.0000,

242.5917, 267.5311

0.0638

251.0337,
292.3439, 322.1508

■ 0.0000, 0.0000,
0.0000

■ 31.5823, 40.5585,
45.1937

■ 31.5823, 40.5585,
45.1937

■ 29.1002, 39.3129,
43.5887

■ 34.5525, 42.0570,
46.8574

■ 27.0743, 38.3007,
42.0380

■ 38.0333, 43.8169,
48.5784

■ 25.4745, 37.5075,
40.5408

■ 42.0499, 45.8523,
50.3590

■ 24.2656, 36.9151,
39.0954

■ 46.6250, 48.1748,
52.2005

■ 23.4066, 36.5022,
37.6995

■ 51.7798, 50.7955,
54.1040

■ 22.8421, 36.2405,
36.3504

■ 57.5346, 53.7246,
56.0708

■ 22.6800, 36.1667,
35.9021

■ 63.9085, 56.9721,
58.1019

■ 68.1427, 59.1158,
60.0684

■ 68.4884, 59.2540,
61.8887

Harmonies

Analogous

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



32.3033, 40.5585, 35.1030



31.5823, 40.5585, 45.1937



32.6223, 40.5585, 56.7286

Triad

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



31.5823, 40.5585, 45.1937



42.7188, 40.5585, 64.6255



42.0588, 40.5585, 27.7904

Complementary

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



31.5823, 40.5585, 45.1937



29.6060, 24.0914, 23.1699

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.



45.1547, 40.5585, 33.6023



31.5823, 40.5585, 45.1937



45.5534, 40.5585, 54.6575

Square

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



31.5823, 40.5585, 45.1937



38.9085, 40.5585, 69.0607



46.4730, 40.5585, 43.1448



38.1930, 40.5585, 26.1068

Rectangle

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



31.5823, 40.5585, 45.1937



34.2177, 40.5585, 63.3982



46.4730, 40.5585, 43.1448



43.2326, 40.5585, 29.2720

Sweetspot

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



31.5835, 40.5601, 45.1946



71.8987, 80.3891, 88.7179



28.8643, 39.6544, 22.6565



15.6668, 17.6473, 19.5002



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.



31.5835, 40.5601, 45.1946



52.8899, 70.7940, 78.5980



28.4376, 32.5066, 49.5772



9.2016, 10.1846, 11.2191



15.8429, 25.2381, 25.1582



0.5756, 0.8965, 0.9768

Inverse Universe

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



29.6060, 24.0914, 23.1699



48.8359, 36.9518, 33.3866



31.8185, 29.6022, 20.5605



9.0632, 9.0356, 9.6801



13.8048, 7.0957, 1.5927



0.5055, 0.2577, 0.1554

Previews

White Background



This preview shows how the XYZ color 31.5823, 40.5585, 45.1937 looks on a white background.

Color Contrast Check

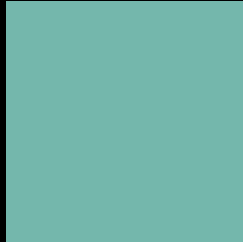
Large Text (above 18pt) WCAG AA × Fail

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 31.5823, 40.5585, 45.1937 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

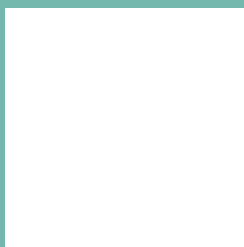
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.5823, 40.5585, 45.1937

Background



This preview shows how black text looks on a background with the XYZ color 31.5823, 40.5585, 45.1937.

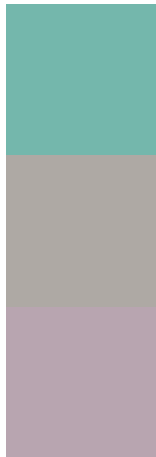


This preview shows how white text looks on a background with the XYZ color 31.5823, 40.5585,

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

31.5823, 40.5585, 45.1937

Protanopia

38.3444, 40.0549, 40.8324

Deuteranopia

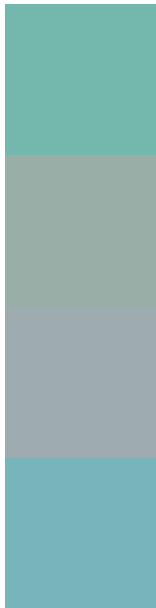
41.0588, 40.2352, 46.6764



Tritanopia

33.9440, 40.6025, 57.0870

Trichromacy



Original Color

31.5823, 40.5585, 45.1937

Protanomaly

35.2480, 39.8344, 42.3903

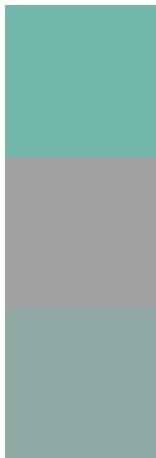
Deuteranomaly

36.7885, 39.9711, 46.3337

Tritanomaly

32.9945, 40.5149, 52.5355

Monochromacy



Original Color

31.5823, 40.5585, 45.1937

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

32.9347, 37.5224, 41.5831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5823, 40.5585, 45.1937 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(116, 183, 172)` looks like.

```
.text, #text, p{  
    color:rgb(116, 183, 172)  
}
```

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(116, 183, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 183, 172) }
```

Border

The CSS property to change the border of an element to XYZ 31.5823, 40.5585, 45.1937 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(116, 183, 172) }
```


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

```
.border{ border-color:rgb(116, 183, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 183, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 183, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 183, 172);  
box-shadow:4px 4px 4px 4px rgb(116, 183,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5823, 40.5585, 45.1937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 183, 172) }
```

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

```
.background{ background-color: rgb(116,  
183, 172) }
```

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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