

Converting Colors

XYZ(30.9802, 43.6590, 31.9727)

Have a look what the booklet for
XYZ(30.9802, 43.6590, 31.9727)
contains.

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Color

**XYZ(31.0801, 43.7760,
32.0108)**

Conversions

Conversions Part 1

Format	Color
Hex	74C18D
RGB	116, 193, 141
RGB Percent	45%, 76%, 55%
CMY	0.5451, 0.2431, 0.4471
CMYK	0.40, 0.00, 0.27, 0.24
HSL	139°, 38%, 61%
HSV	139°, 40%, 76%
XYZ	31.0801, 43.7760, 32.0108
YIQ	164.0490, -29.2000, -32.4960

Conversions

Conversions Part 2

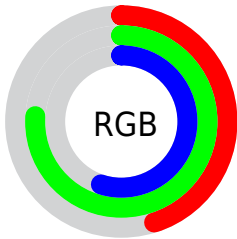
Format	Color
RYB	116, 174, 193
Decimal	7651725
CIELab	72.08, -35.18, 18.87
CIELCh	72, 39.922, 151.787
Yxy	43.7760, 0.2908, 0.4096
Android (android.graphics.Color)	4285841805 (0xFF74C18D)
YUV	164.0490, -11.3632, -42.1390
Hunter-Lab	66.1634, -31.9361, 17.6291

Details

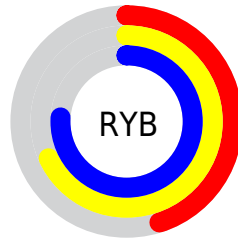
The XYZ color **31.0801, 43.7760, 32.0108** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **35.3070, 26.6563, 40.3316**, and the grayscale version is **35.3731, 37.2153, 40.5275**.

A 20% lighter version of the original color is **60.8305, 80.9693, 64.0523**, and **13.1076, 20.2447, 13.1143** is the 20% darker color. If you saturate the color by 10%, you get **27.8629, 42.2242, 27.0925**, and if you desaturate by 10%, it is **34.9468, 45.6518, 37.5573**.

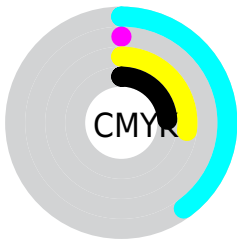
Distribution



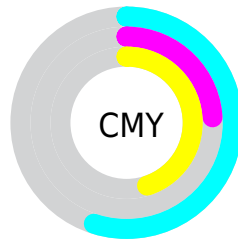
- Red (45%)
- Green (76%)
- Blue (55%)



- Red (45%)
- Yellow (68%)
- Blue (76%)



- Cyan (40%)
- Magenta (0%)
- Yellow (27%)
- Black (24%)





- Cyan (55%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0801, 43.7760, 32.0108 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 31.0801, 43.7760, 32.0108 by changing the saturation by 10% instead.


 31.0801, 43.7760,
32.0108


 31.0801, 43.7760,
32.0108


298.7275,
361.7934, 325.6627


 20.8120, 30.4944,
21.1049


 60.7411, 80.8806,
63.9261

 13.0983, 20.2142,
13.0087

 80.8648, 105.4724,
85.7726

 7.5737, 12.5508,
7.3037

 105.0043,
134.6031, 112.1030

 3.8729, 7.1200,
3.5715

133.5250,
168.6570, 143.3358

 1.6305, 3.5373,
1.3933

166.7924,
208.0186, 179.8897

 0.4122, 1.4182,
0.1365

205.1716,

 0.0000, 0.2301,

253.0723, 222.1831

0.0000

249.0282,
304.2024, 270.6346

■ 0.0000, 0.0000,
0.0000

■ 31.0801, 43.7760,
32.0108

■ 31.0801, 43.7760,
32.0108

■ 27.8629, 42.2242,
27.0925

■ 34.9468, 45.6518,
37.5573

■ 25.2545, 40.9724,
22.7770

■ 39.4936, 47.8634,
43.7501

■ 23.2148, 40.0014,
19.0417


■ 44.7534, 50.4286,
50.6105


■ 21.6974, 39.2880,
15.8614


■ 50.7559, 53.3621,
58.1577


■ 20.6478, 38.8046,
13.2085


■ 57.5289, 56.6781,
66.4101


 19.9648, 38.4995,
11.0519

 65.0991, 60.3899,
75.3856

 19.9586, 38.4967,
11.0321

 73.4915, 64.5100,
85.1013

 76.8342, 66.0109,
95.2978

 78.3608, 66.6216,
103.3369

Harmonies

Analogous

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



35.0695, 43.7760, 22.3202



31.0801, 43.7760, 32.0108



29.8191, 43.7760, 48.8468

Triad

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



31.0801, 43.7760, 32.0108



42.0185, 43.7760, 95.9743



53.7916, 43.7760, 30.4784

Complementary

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



31.0801, 43.7760, 32.0108



35.3070, 26.6563, 40.3316

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.



56.1542, 43.7760, 46.5017



31.0801, 43.7760, 32.0108



48.9120, 43.7760, 87.2889

Square

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



31.0801, 43.7760, 32.0108



35.7061, 43.7760, 89.0558



54.2790, 43.7760, 67.7355



48.1264, 43.7760, 21.6206

Rectangle

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



31.0801, 43.7760, 32.0108



30.5711, 43.7760, 63.0227



54.2790, 43.7760, 67.7355



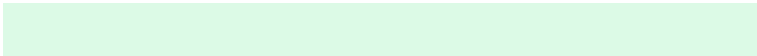
55.0246, 43.7760, 35.0293

Sweetspot

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



31.0813, 43.7778, 32.0118



77.8767, 89.2044, 87.7178



38.5039, 47.7956, 23.7195



16.4341, 19.0041, 18.4651



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



31.0813, 43.7778, 32.0118



50.5039, 75.9114, 49.4740



34.3986, 45.1048, 49.4808



10.0762, 11.3115, 11.4048



13.3072, 25.6169, 7.5108



0.6071, 1.1197, 0.4936

Inverse Universe

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



35.3070, 26.6563, 40.3316



59.1165, 40.9578, 66.3883



32.2760, 25.4439, 24.3708



10.3537, 10.1901, 11.9531



17.3605, 8.6340, 15.0764



0.7806, 0.3852, 0.8120

Previews

White Background



This preview shows how the XYZ color 31.0801, 43.7760, 32.0108 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 31.0801, 43.7760, 32.0108 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 31.0801, 43.7760, 32.0108

Background



This preview shows how black text looks on a background with the XYZ color 31.0801, 43.7760, 32.0108.



This preview shows how white text looks on a background with the XYZ color 31.0801, 43.7760,

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

31.0801, 43.7760, 32.0108

Protanopia

40.4980, 43.4355, 28.4397

Deuteranopia

44.0049, 43.1478, 33.2032



Tritanopia

36.8275, 43.5352, 61.1057

Trichromacy



Original Color

31.0801, 43.7760, 32.0108



Protanomaly

36.0722, 42.9149, 29.6747



Deuteranomaly

37.7490, 42.5123, 32.6017



Tritanomaly

34.4321, 43.5062, 49.2306

Monochromacy



Original Color

31.0801, 43.7760, 32.0108



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

33.3633, 39.2633, 37.2726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0801, 43.7760, 32.0108 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, 193, 141)` looks like.

```
.text, #text, p{  
    color:rgb(116, 193, 141)  
}
```

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, 193, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 193, 141) }
```

Border

The CSS property to change the border of an element to XYZ 31.0801, 43.7760, 32.0108 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, 193, 141) }
```


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

```
.border{ border-color:rgb(116, 193, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 193, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 193, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 193, 141);  
box-shadow:4px 4px 4px 4px rgb(116, 193,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0801, 43.7760, 32.0108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 193, 141) }
```

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

```
.background{ background-color: rgb(116,  
193, 141) }
```

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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