

Converting Colors

XYZ(31.0404, 42.9294, 34.7886)

Have a look what the booklet for
XYZ(31.0404, 42.9294, 34.7886)
contains.

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Color

**XYZ(31.0463, 43.0446,
34.6891)**

Conversions

Conversions Part 1

Format	Color
Hex	73BF94
RGB	115, 191, 148
RGB Percent	45%, 75%, 58%
CMY	0.5490, 0.2510, 0.4196
CMYK	0.40, 0.00, 0.23, 0.25
HSL	146°, 37%, 60%
HSV	146°, 40%, 75%
XYZ	31.0463, 43.0446, 34.6891
YIQ	163.3740, -31.4930, -29.4850

Conversions

Conversions Part 2

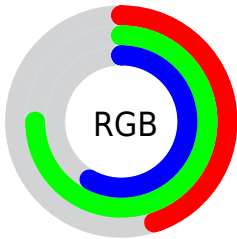
Format	Color
RYB	115, 168, 191
Decimal	7585684
CIELab	71.59, -33.18, 14.41
CIELCh	72, 36.173, 156.520
Yxy	43.0446, 0.2854, 0.3957
Android (android.graphics.Color)	4285775764 (0xFF73BF94)
YUV	163.3740, -7.5794, -42.4240
Hunter-Lab	65.6084, -30.3473, 14.5775

Details

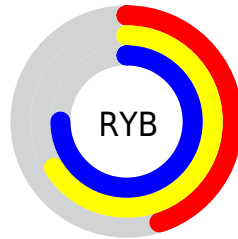
The XYZ color **31.0463, 43.0446, 34.6891** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **33.7895, 25.8073, 35.5497**, and the grayscale version is **35.0359, 36.8605, 40.1411**.

A 20% lighter version of the original color is **60.8056, 79.9451, 68.1033**, and **13.0899, 19.7785, 14.4370** is the 20% darker color. If you saturate the color by 10%, you get **27.9744, 41.5564, 30.2870**, and if you desaturate by 10%, it is **34.7208, 44.8365, 39.5382**.

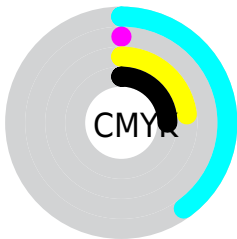
Distribution



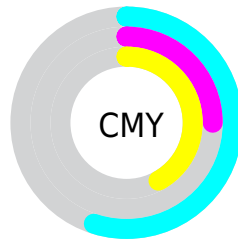
- Red (45%)
- Green (75%)
- Blue (58%)



- Red (45%)
- Yellow (66%)
- Blue (75%)



- Cyan (40%)
- Magenta (0%)
- Yellow (23%)
- Black (25%)





- Cyan (55%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0463, 43.0446, 34.6891 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 31.0463, 43.0446, 34.6891 by changing the saturation by 10% instead.


 31.0463, 43.0446,
34.6891


 31.0463, 43.0446,
34.6891


298.5746,
358.7952, 338.0564


 20.7861, 29.9201,
23.1419


 60.6883, 79.7782,
68.1500

 13.0793, 19.7780,
14.4920

 80.8008, 104.1560,
90.9006

 7.5606, 12.2337,
8.3210

 104.9282,
133.0538, 118.2229

 3.8645, 6.9031,
4.2103

133.4357,
166.8559, 150.5352

 1.6258, 3.4016,
1.7414

166.6887,
205.9467, 188.2562

 0.4091, 1.3448,
0.3889

205.0527,

 0.0000, 0.1755,

250.7105, 231.8044

0.0000

248.8929,
301.5319, 281.5982

0.0000, 0.0000,
0.0000

31.0463, 43.0446,
34.6891

31.0463, 43.0446,
34.6891

27.9744, 41.5564,
30.2870

34.7208, 44.8365,
39.5382

25.4671, 40.3492,
26.3160

39.0260, 46.9430,
44.8439

23.4872, 39.4051,
22.7635

43.9927, 49.3807,
50.6188

21.9914, 38.7021,
19.6149

49.6482, 52.1636,
56.8746

20.9289, 38.2144,
16.8549

56.0185, 55.3049,
63.6222

■ 20.2041, 37.8929,
14.4652

■ 63.1280, 58.8169,
70.8723

■ 20.1904, 37.8868,
14.4190

■ 71.0003, 62.7115,
78.6351

■ 74.7887, 64.4901,
86.6929

■ 76.3935, 65.1320,
95.1433

Harmonies

Analogous

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



34.3055, 43.0446, 24.6773



31.0463, 43.0446, 34.6891



30.3054, 43.0446, 50.7978

Triad

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



31.0463, 43.0446, 34.6891



42.2626, 43.0446, 88.9263



51.1101, 43.0446, 29.5463

Complementary

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



31.0463, 43.0446, 34.6891



33.7895, 25.8073, 35.5497

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.



53.7443, 43.0446, 43.1468



31.0463, 43.0446, 34.6891



48.3178, 43.0446, 79.4803

Square

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



31.0463, 43.0446, 34.6891



36.4036, 43.0446, 85.0440



52.6748, 43.0446, 61.6088



45.7793, 43.0446, 22.2666

Rectangle

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



31.0463, 43.0446, 34.6891



31.2662, 43.0446, 63.5728



52.6748, 43.0446, 61.6088



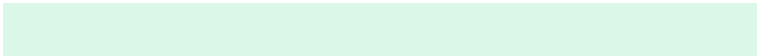
52.3633, 43.0446, 33.3807

Sweetspot

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



31.0475, 43.0464, 34.6901



76.5433, 87.3346, 88.0959



35.8404, 45.7772, 23.1669



16.5433, 19.0478, 19.0402



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.



31.0475, 43.0464, 34.6901



50.6198, 74.6758, 55.0189



34.5583, 44.4507, 53.1777



9.5762, 10.7166, 11.0176



13.3072, 24.9132, 9.6803



0.5541, 0.9890, 0.5522

Inverse Universe

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



33.7895, 25.8073, 35.5497



56.2227, 39.4153, 56.7488



31.0120, 24.6963, 20.9233



9.7501, 9.6244, 11.0733



15.9425, 8.0081, 10.2566



0.6567, 0.3266, 0.5717

Previews

White Background



This preview shows how the XYZ color 31.0463, 43.0446, 34.6891 looks on a white background.

Color Contrast Check

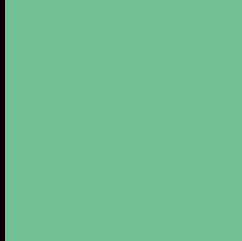
Large Text (above 18pt) WCAG AA × Fail

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 31.0463, 43.0446, 34.6891 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 31.0463, 43.0446, 34.6891

Background



This preview shows how black text looks on a background with the XYZ color 31.0463, 43.0446, 34.6891.



This preview shows how white text looks on a background with the XYZ color 31.0463, 43.0446,

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

31.0463, 43.0446, 34.6891

Protanopia

39.8773, 42.4798, 30.9086

Deuteranopia

43.3056, 42.4473, 36.0477



Tritanopia

36.2017, 42.9165, 60.4085

Trichromacy



Original Color

31.0463, 43.0446, 34.6891

Protanomaly

35.7764, 42.0993, 32.2270

Deuteranomaly

37.2597, 41.6099, 35.3459

Tritanomaly

34.1769, 43.0469, 49.6876

Monochromacy



Original Color

31.0463, 43.0446, 34.6891

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

32.9692, 38.4668, 38.0349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0463, 43.0446, 34.6891 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, 191, 148)` looks like.

```
.text, #text, p{  
    color:rgb(115, 191, 148)  
}
```

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, 191, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 191, 148) }
```

Border

The CSS property to change the border of an element to XYZ 31.0463, 43.0446, 34.6891 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, 191, 148) }
```


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

```
.border{ border-color:rgb(115, 191, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 191, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 191, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 191, 148);  
box-shadow:4px 4px 4px 4px rgb(115, 191,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0463, 43.0446, 34.6891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 191, 148) }
```

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

```
.background{ background-color: rgb(115,  
191, 148) }
```

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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