

Converting Colors

XYZ(31.4992, 43.4738, 25.4619)

Have a look what the booklet for
XYZ(31.4992, 43.4738, 25.4619)
contains.

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Color

**XYZ(31.5660, 43.5170,
25.4748)**

Conversions

Conversions Part 1

Format	Color
Hex	83BF7B
RGB	131, 191, 123
RGB Percent	51%, 75%, 48%
CMY	0.4863, 0.2510, 0.5176
CMYK	0.31, 0.00, 0.36, 0.25
HSL	113°, 35%, 62%
HSV	113°, 36%, 75%
XYZ	31.5660, 43.5170, 25.4748
YIQ	165.3080, -13.9320, -33.8680

Conversions

Conversions Part 2

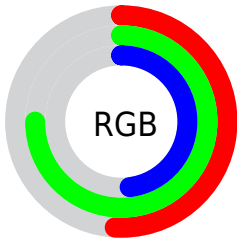
Format	Color
RYB	123, 191, 183
Decimal	8634235
CIELab	71.90, -32.64, 28.32
CIELCh	72, 43.216, 139.055
Yxy	43.5170, 0.3139, 0.4328
Android (android.graphics.Color)	4286824315 (0xFF83BF7B)
YUV	165.3080, -20.8578, -30.0881
Hunter-Lab	65.9674, -30.0291, 23.2810

Details

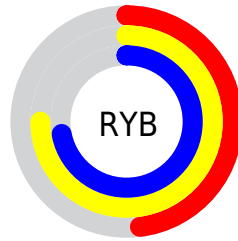
The XYZ color **31.5660, 43.5170, 25.4748** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **36.0175, 27.9962, 52.7981**, and the grayscale version is **36.0149, 37.8904, 41.2627**.

A 20% lighter version of the original color is **61.6536, 80.7085, 53.4031**, and **13.3727, 20.0346, 9.4656** is the 20% darker color. If you saturate the color by 10%, you get **28.0839, 41.8481, 19.6678**, and if you desaturate by 10%, it is **35.7083, 45.5018, 32.5322**.

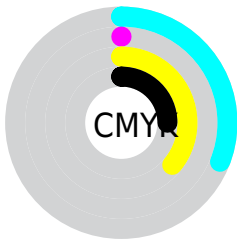
Distribution



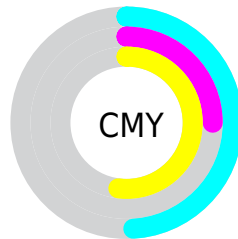
- Red (51%)
- Green (75%)
- Blue (48%)



- Red (48%)
- Yellow (75%)
- Blue (72%)



- Cyan (31%)
- Magenta (0%)
- Yellow (36%)
- Black (25%)



- Cyan (49%)
- Magenta (25%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5660, 43.5170, 25.4748 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 31.5660, 43.5170, 25.4748 by changing the saturation by 10% instead.

■ 31.5660, 43.5170,
25.4748

■ 31.5660, 43.5170,
25.4748

300.9180,
360.7336, 293.7173

■ 21.1842, 30.2910,
16.2089

■ 61.4999, 80.4905,
53.4001

■ 13.3719, 20.0595,
9.5162

■ 81.7826, 105.0067,
72.8966

■ 7.7639, 12.4383,
4.9780

■ 106.0964,
134.0551, 96.6403

■ 3.9948, 7.0429,
2.1758

134.8066,
168.0200, 125.0499

■ 1.6992, 3.4890,
0.6604

168.2785,
207.2860, 158.5439

■ 0.4558, 1.3920,
0.0000

206.8774,

■ 0.0000, 0.2108,

252.2373, 197.5407

0.0000

250.9688,
303.2584, 242.4590

■ 0.0000, 0.0000,
0.0000

■ 31.5660, 43.5170,
25.4748

■ 31.5660, 43.5170,
25.4748

■ 28.0839, 41.8481,
19.6678

■ 35.7083, 45.5018,
32.5322

■ 25.2245, 40.4736,
15.0357

■ 40.5390, 47.8118,
40.9040

■ 22.9517, 39.3779,
11.4991


■ 46.0889, 50.4629,
50.6533


■ 21.2242, 38.5416,
8.9679


■ 52.3859, 53.4681,
61.8382

■ 19.9953, 37.9429,
7.3373


■ 59.4562, 56.8397,
74.5135

 19.2096, 37.5560,
6.4778

 67.3251, 60.5897,
88.7312

 18.9729, 37.4393,
6.2265

 75.7405, 64.6190,
103.0885

 77.9217, 65.7434,
103.1906

Harmonies

Analogous

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



36.9110, 43.5170, 18.4692



31.5660, 43.5170, 25.4748



28.9643, 43.5170, 40.0961

Triad

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



31.5660, 43.5170, 25.4748



38.7323, 43.5170, 99.3582



56.2328, 43.5170, 35.3433

Complementary

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



31.5660, 43.5170, 25.4748



36.0175, 27.9962, 52.7981

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.



56.8710, 43.5170, 55.5024



31.5660, 43.5170, 25.4748



46.1564, 43.5170, 96.9472

Square

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



31.5660, 43.5170, 25.4748



32.7628, 43.5170, 85.0657



52.9992, 43.5170, 79.2174



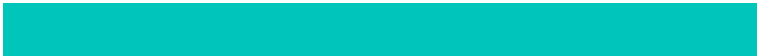
51.3468, 43.5170, 22.8875

Rectangle

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



31.5660, 43.5170, 25.4748



28.9004, 43.5170, 54.0524



52.9992, 43.5170, 79.2174



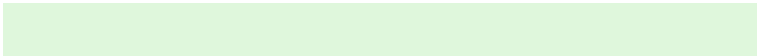
56.9713, 43.5170, 41.2854

Sweetspot

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



31.5671, 43.5188, 25.4758



76.8418, 87.6529, 80.6772



41.7773, 45.9372, 25.4044



16.5793, 19.1071, 17.1995



92.9021, 97.7402, 106.4391



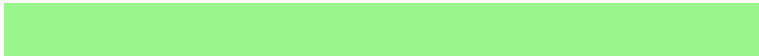
19.4759, 20.4902, 22.3138

Same Dimension

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



31.5671, 43.5188, 25.4758



51.4062, 75.4796, 37.0548



32.1406, 43.6106, 34.7142



9.5102, 10.7019, 10.1411



12.5047, 24.6223, 4.0935



0.5247, 0.9824, 0.1620

Inverse Universe

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



36.0175, 27.9962, 52.7981



60.5740, 43.4186, 93.4672



35.4595, 27.9991, 39.6455



9.8165, 9.6378, 12.0151



16.9121, 8.0046, 33.0466



0.6941, 0.3299, 1.2959

Previews

White Background



This preview shows how the XYZ color 31.5660, 43.5170, 25.4748 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 31.5660, 43.5170, 25.4748 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 31.5660, 43.5170, 25.4748

Background



This preview shows how black text looks on a background with the XYZ color 31.5660, 43.5170, 25.4748.



This preview shows how white text looks on a background with the XYZ color 31.5660, 43.5170,

25.4748.

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

31.5660, 43.5170, 25.4748

Protanopia

39.7761, 42.8914, 23.0121

Deuteranopia

43.9113, 42.9737, 26.4024



Tritanopia

38.3076, 43.4164, 59.1845

Trichromacy



Original Color

31.5660, 43.5170, 25.4748

Protanomaly

36.2158, 42.8147, 23.8080

Deuteranomaly

38.1136, 42.2603, 25.8869

Tritanomaly

35.2521, 43.0892, 44.4893

Monochromacy



Original Color

31.5660, 43.5170, 25.4748

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

33.7779, 39.2464, 34.6492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5660, 43.5170, 25.4748 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(131, 191, 123)` looks like.

```
.text, #text, p{  
    color:rgb(131, 191, 123)  
}
```

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(131, 191, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 191, 123) }
```

Border

The CSS property to change the border of an element to XYZ 31.5660, 43.5170, 25.4748 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(131, 191, 123) }
```


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

```
.border{ border-color:rgb(131, 191, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 191, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 191, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 191, 123);  
box-shadow:4px 4px 4px 4px rgb(131, 191,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5660, 43.5170, 25.4748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 191, 123) }
```

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

```
.background{ background-color: rgb(131,  
191, 123) }
```

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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