

Converting Colors

XYZ(43.1937, 51.8806, 24.2609)

Have a look what the booklet for
XYZ(43.1937, 51.8806, 24.2609)
contains.

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Color

**XYZ(43.1136, 51.8395,
24.2567)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C674
RGB	184, 198, 116
RGB Percent	72%, 78%, 45%
CMY	0.2784, 0.2235, 0.5451
CMYK	0.07, 0.00, 0.41, 0.22
HSL	70°, 42%, 62%
HSV	70°, 41%, 78%
XYZ	43.1136, 51.8395, 24.2567
YIQ	184.4660, 17.9780, -28.4700

Conversions

Conversions Part 2

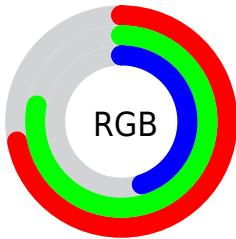
Format	Color
RYB	116, 198, 130
Decimal	12109428
CIELab	77.18, -17.48, 39.42
CIELCh	77, 43.124, 113.918
Yxy	51.8395, 0.3617, 0.4349
Android (android.graphics.Color)	4290299508 (0xFFB8C674)
YUV	184.4660, -33.7537, -0.4087
Hunter-Lab	71.9997, -19.1131, 30.4249

Details

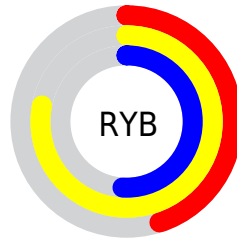
The XYZ color **43.1136, 51.8395, 24.2567** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.6464, 21.3152, 56.1917**, and the grayscale version is **45.9930, 48.3883, 52.6948**.

A 20% lighter version of the original color is **79.1971, 93.0853, 51.3293**, and **20.1625, 25.0857, 8.9336** is the 20% darker color. If you saturate the color by 10%, you get **41.2825, 51.0164, 18.7865**, and if you desaturate by 10%, it is **45.2122, 52.7755, 31.0229**.

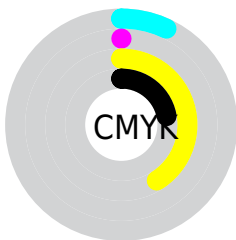
Distribution



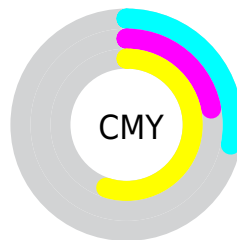
- Red (72%)
- Green (78%)
- Blue (45%)



- Red (45%)
- Yellow (78%)
- Blue (51%)



- Cyan (7%)
- Magenta (0%)
- Yellow (41%)
- Black (22%)



- Cyan (28%)
- Magenta (22%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1136, 51.8395, 24.2567 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 43.1136, 51.8395, 24.2567 by changing the saturation by 10% instead.

■ 43.1136, 51.8395,
24.2567

■ 43.1136, 51.8395,
24.2567

349.9923,
393.8167, 287.4440

■ 30.1692, 36.8772,
15.3102

■ 79.1369, 92.8945,
51.3978

■ 20.1157, 25.1124,
8.8883

■ 102.9465,
119.7559, 70.4296

■ 12.5880, 16.1608,
4.5726

■ 131.1085,
151.3525, 93.6601

■ 7.2205, 9.6380,
1.9444

163.9883,
188.0687, 121.5080

■ 3.6479, 5.1596,
0.5208

201.9512,
230.2888, 154.3918

■ 1.5049, 2.3412,
0.0000

245.3626,

■ 0.3292, 0.7954,

278.3972, 192.7300

0.0000

294.5879,
332.7784, 236.9412

■ 0.0000, 0.0000,
0.0000

■ 43.1136, 51.8395,
24.2567

■ 43.1136, 51.8395,
24.2567

■ 41.2825, 51.0164,
18.7865

■ 45.2122, 52.7755,
31.0229

■ 39.6991, 50.2928,
14.5260

■ 47.5888, 53.8231,
39.1574

■ 38.3470, 49.6639,
11.3839


■ 50.2582, 54.9901,
48.7310


■ 37.2060, 49.1217,
9.2543


■ 53.2329, 56.2814,
59.8087


■ 36.2520, 48.6564,
8.0112


■ 56.5244, 57.7019,
72.4517

 35.5438, 48.3030,
7.4501

 60.1440, 59.2559,
86.7175

 64.1022, 60.9476,
102.6610

 65.1246, 61.4673,
103.0397

 66.1041, 61.9723,
103.0855

Harmonies

Analogous

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



50.9726, 51.8395, 22.2384



43.1136, 51.8395, 24.2567



37.5266, 51.8395, 33.6847

Triad

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



43.1136, 51.8395, 24.2567



40.5037, 51.8395, 101.7217



66.7977, 51.8395, 61.3983

Complementary

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



43.1136, 51.8395, 24.2567



25.6464, 21.3152, 56.1917

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.



63.2430, 51.8395, 87.6673



43.1136, 51.8395, 24.2567



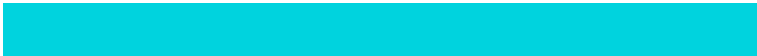
47.6095, 51.8395, 114.7762

Square

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



43.1136, 51.8395, 24.2567



36.1416, 51.8395, 76.9498



55.9903, 51.8395, 109.0212



65.2498, 51.8395, 39.9496

Rectangle

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



43.1136, 51.8395, 24.2567



35.5417, 51.8395, 44.7667



55.9903, 51.8395, 109.0212



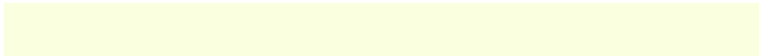
66.1485, 51.8395, 69.9944

Sweetspot

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



43.1149, 51.8418, 24.2578



88.6122, 97.2058, 84.8980



34.3813, 29.1449, 20.3372



18.8271, 20.7452, 17.6641



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



43.1149, 51.8418, 24.2578



73.3009, 90.4268, 33.8407



34.7338, 47.5212, 23.8656



11.3393, 12.3218, 11.3435



23.1771, 31.4435, 4.8476



1.1457, 1.5137, 0.2318

Inverse Universe

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



25.6464, 21.3152, 56.1917



38.1489, 28.9438, 98.1838



33.1623, 25.1898, 56.5434



10.2227, 10.3731, 13.3809



7.1042, 2.8966, 34.9290



0.3902, 0.1649, 1.6564

Previews

White Background



This preview shows how the XYZ color 43.1136, 51.8395, 24.2567 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 43.1136, 51.8395, 24.2567 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 43.1136, 51.8395, 24.2567

Background



This preview shows how black text looks on a background with the XYZ color 43.1136, 51.8395, 24.2567.



This preview shows how white text looks on a background with the XYZ color 43.1136, 51.8395,

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

43.1136, 51.8395, 24.2567

Protanopia

47.4065, 51.4291, 23.0510

Deuteranopia

52.7512, 51.6350, 24.9556



Tritanopia

51.2684, 51.8803, 63.8117

Trichromacy



Original Color

43.1136, 51.8395, 24.2567

Protanomaly

45.6604, 51.4969, 23.4529

Deuteranomaly

48.7536, 51.4445, 24.8130

Tritanomaly

47.6862, 51.7159, 45.9969

Monochromacy



Original Color

43.1136, 51.8395, 24.2567

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.2228, 49.0887, 39.9452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1136, 51.8395, 24.2567 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(184, 198, 116)` looks like.

```
.text, #text, p{  
    color:rgb(184, 198, 116)  
}
```

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(184, 198, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 198, 116) }
```

Border

The CSS property to change the border of an element to XYZ 43.1136, 51.8395, 24.2567 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(184, 198, 116) }
```


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

```
.border{ border-color:rgb(184, 198, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 198, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 198, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 198, 116);  
box-shadow:4px 4px 4px 4px rgb(184, 198,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1136, 51.8395, 24.2567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 198, 116) }
```

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

```
.background{ background-color: rgb(184,  
198, 116) }
```

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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