

Converting Colors

XYZ(36.5397, 43.1224, 17.4639)

Have a look what the booklet for
XYZ(36.5397, 43.1224, 17.4639)
contains.

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Color

**XYZ(36.5397, 43.1224,
17.4639)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B560
RGB	176, 181, 96
RGB Percent	69%, 71%, 38%
CMY	0.3098, 0.2902, 0.6235
CMYK	0.03, 0.00, 0.47, 0.29
HSL	64°, 36%, 54%
HSV	64°, 47%, 71%
XYZ	36.5397, 43.1224, 17.4639
YIQ	169.8150, 24.3050, -27.4950

Conversions

Conversions Part 2

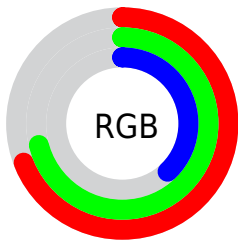
Format	Color
RYB	96, 181, 101
Decimal	11580768
CIELab	71.64, -14.19, 42.43
CIELCh	72, 44.744, 108.487
Yxy	43.1224, 0.3762, 0.4440
Android (android.graphics.Color)	4289770848 (0xFFB0B560)
YUV	169.8150, -36.3908, 5.4242
Hunter-Lab	65.6676, -15.5949, 30.1995

Details

The XYZ color **36.5397, 43.1224, 17.4639** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.8917, 14.4697, 45.5686**, and the grayscale version is **38.2843, 40.2781, 43.8628**.

A 20% lighter version of the original color is **69.2338, 80.0301, 39.8153**, and **16.2384, 19.7732, 5.5455** is the 20% darker color. If you saturate the color by 10%, you get **35.5609, 42.7047, 13.5578**, and if you desaturate by 10%, it is **37.7144, 43.6218, 22.3823**.

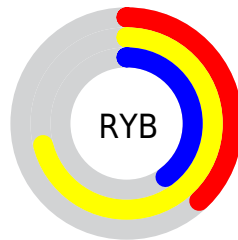
Distribution



Red (69%)

Green (71%)

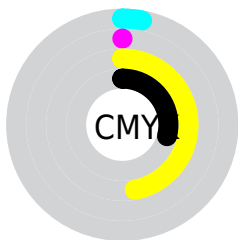
Blue (38%)



Red (38%)

Yellow (71%)

Blue (40%)

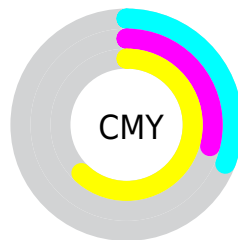


Cyan (3%)

Magenta (0%)

Yellow (47%)

Black (29%)



Cyan (31%)

Magenta (29%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5397, 43.1224, 17.4639 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 36.5397, 43.1224, 17.4639 by changing the saturation by 10% instead.

■ 36.5397, 43.1224,
17.4639

■ 36.5397, 43.1224,
17.4639

322.7036,
359.1149, 249.9655

■ 25.0233, 29.9812,
10.4003

■ 69.1827, 79.8955,
39.9232

■ 16.2233, 19.8243,
5.5561

■ 91.0401, 104.2962,
56.1560

■ 9.7741, 12.2674,
2.5127

■ 117.0751,
133.2188, 76.2824

■ 5.3106, 6.9261,
0.8469

■ 147.6533,
167.0478, 100.7207

■ 2.4672, 3.4159,
0.0000

183.1398,
206.1675, 129.8897

■ 0.8788, 1.3525,
0.0000

223.9002,

■ 0.0000, 0.1813,

250.9623, 164.2078

0.0000

270.2996,
301.8166, 204.0935

■ 0.0000, 0.0000,
0.0000

■ 36.5397, 43.1224,
17.4639

■ 36.5397, 43.1224,
17.4639

■ 35.5609, 42.7047,
13.5578

■ 37.7144, 43.6218,
22.3823

■ 34.7615, 42.3574,
10.5911

■ 39.0939, 44.2017,
28.3741

■ 34.1274, 42.0765,
8.4854


■ 40.6904, 44.8687,
35.4984


■ 33.6412, 41.8549,
7.1482


■ 42.5141, 45.6268,
43.8096

■ 33.2780, 41.6828,
6.4496


■ 44.5747, 46.4799,
53.3583

 33.1776, 41.6345,
6.2876

 46.8814, 47.4316,
64.1923

 49.4425, 48.4853,
76.3568

 52.2665, 49.6444,
89.8949

 54.7255, 50.6577,
101.5013

Harmonies

Analogous

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



43.9628, 43.1224, 16.7935



36.5397, 43.1224, 17.4639



31.0194, 43.1224, 24.3781

Triad

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



36.5397, 43.1224, 17.4639



32.0714, 43.1224, 85.6237



56.9783, 43.1224, 55.7800

Complementary

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



36.5397, 43.1224, 17.4639



17.8917, 14.4697, 45.5686

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.



52.8882, 43.1224, 80.3797



36.5397, 43.1224, 17.4639



38.1478, 43.1224, 100.8312

Square

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



36.5397, 43.1224, 17.4639



28.6674, 43.1224, 61.4596



45.7803, 43.1224, 98.6613



56.4091, 43.1224, 34.9300

Rectangle

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



36.5397, 43.1224, 17.4639



28.8752, 43.1224, 33.2577



45.7803, 43.1224, 98.6613



56.0842, 43.1224, 63.9703

Sweetspot

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



36.5407, 43.1244, 17.4648



73.7211, 80.7081, 67.4185



25.7500, 19.8317, 13.5376



15.7900, 17.3840, 13.9205



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



36.5407, 43.1244, 17.4648



63.6892, 76.4805, 24.2964



28.5082, 38.9835, 17.0889



9.1467, 9.8807, 9.0776



22.8913, 28.7110, 4.3353



0.7351, 0.9110, 0.1371

Inverse Universe

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



17.8917, 14.4697, 45.5686



26.3606, 19.0971, 80.5913



23.8091, 17.5202, 45.8455



8.0867, 8.2532, 10.6731



5.8625, 2.3580, 30.2831



0.1997, 0.0821, 0.9535

Previews

White Background



This preview shows how the XYZ color 36.5397, 43.1224, 17.4639 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 36.5397, 43.1224, 17.4639 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

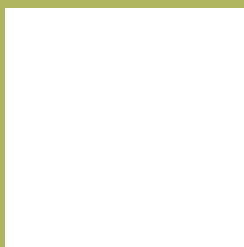
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5397, 43.1224, 17.4639

Background



This preview shows how black text looks on a background with the XYZ color 36.5397, 43.1224, 17.4639.



This preview shows how white text looks on a background with the XYZ color 36.5397, 43.1224,

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

36.5397, 43.1224, 17.4639

Protanopia

39.3427, 42.8056, 16.7784

Deuteranopia

43.8024, 42.8344, 17.7636



Tritanopia

43.4643, 43.0256, 51.3614

Trichromacy



Original Color

36.5397, 43.1224, 17.4639

Protanomaly

38.2812, 42.8353, 17.0769

Deuteranomaly

40.7765, 42.6662, 17.6415

Tritanomaly

40.2889, 42.8720, 35.8574

Monochromacy



Original Color

36.5397, 43.1224, 17.4639

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.1072, 41.0259, 31.9496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5397, 43.1224, 17.4639 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(176, 181, 96)` looks like.

```
.text, #text, p{  
    color:rgb(176, 181, 96)  
}
```

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(176, 181, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 181, 96) }
```

Border

The CSS property to change the border of an element to XYZ 36.5397, 43.1224, 17.4639 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(176, 181, 96) }
```


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

```
.border{ border-color:rgb(176, 181, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 181, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 181, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 181, 96);  
box-shadow:4px 4px 4px 4px rgb(176, 181,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5397, 43.1224, 17.4639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 181, 96) }
```

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

```
.background{ background-color: rgb(176,  
181, 96) }
```

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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