

Converting Colors

XYZ(47.1409, 57.5815, 23.2859)

Have a look what the booklet for
XYZ(47.1409, 57.5815, 23.2859)
contains.

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Color

**XYZ(47.1086, 57.4440,
23.3568)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D06E
RGB	192, 208, 110
RGB Percent	75%, 82%, 43%
CMY	0.2471, 0.1843, 0.5686
CMYK	0.08, 0.00, 0.47, 0.18
HSL	70°, 51%, 62%
HSV	70°, 47%, 82%
XYZ	47.1086, 57.4440, 23.3568
YIQ	192.0440, 21.9220, -33.8700

Conversions

Conversions Part 2

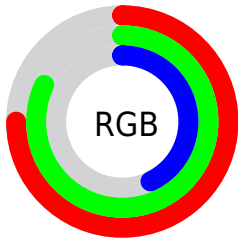
Format	Color
RYB	110, 208, 126
Decimal	12636270
CIELab	80.43, -19.95, 46.53
CIELCh	80, 50.628, 113.205
Yxy	57.4440, 0.3683, 0.4491
Android (android.graphics.Color)	4290826350 (0xFFC0D06E)
YUV	192.0440, -40.4477, -0.0386
Hunter-Lab	75.7918, -21.6886, 34.7828

Details

The XYZ color **47.1086, 57.4440, 23.3568** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.5674, 20.1430, 62.2183**, and the grayscale version is **50.3497, 52.9719, 57.6863**.

A 20% lighter version of the original color is **81.7952, 94.4883, 48.5773**, and **22.6615, 28.7453, 8.4917** is the 20% darker color. If you saturate the color by 10%, you get **45.2567, 56.6071, 18.0368**, and if you desaturate by 10%, it is **49.2490, 58.4027, 30.0801**.

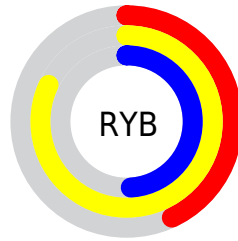
Distribution



Red (75%)

Green (82%)

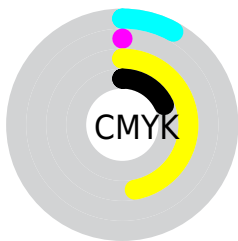
Blue (43%)



Red (43%)

Yellow (82%)

Blue (49%)

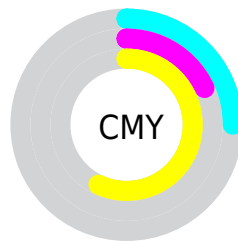


Cyan (8%)

Magenta (0%)

Yellow (47%)

Black (18%)



Cyan (25%)


Magenta (18%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1086, 57.4440, 23.3568 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 47.1086, 57.4440, 23.3568 by changing the saturation by 10% instead.


 47.1086, 57.4440,
23.3568


 47.1086, 57.4440,
23.3568


365.8895,
415.1110, 282.7334

 33.3298, 41.3618,
14.6494


 85.0935, 101.1128,
49.9091


 22.5397, 28.6019,
8.4298

 110.0303,
129.4681, 68.5912

 14.3728, 18.7799,
4.2795


 139.4171,
162.6833, 91.4351

 8.4638, 11.5113,
1.7799

 173.6194,
201.1428, 118.8596

 4.4474, 6.4119,
0.4146

213.0024,
245.2309, 151.2832

 1.9582, 3.0971,
0.0000

257.9315,

 0.6103, 1.1826,

295.3320, 189.1243

0.0000

308.7721,
351.8306, 232.8015

■ 0.0000, 0.0475,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.1086, 57.4440,
23.3568

■ 47.1086, 57.4440,
23.3568

■ 45.2567, 56.6071,
18.0368

■ 49.2490, 58.4027,
30.0801

■ 43.6701, 55.8765,
14.0169


■ 51.6908, 59.4823,
38.2928


■ 42.3288, 55.2462,
11.1860


■ 54.4513, 60.6916,
48.0784


■ 41.2074, 54.7063,
9.4124

■ 57.5450, 62.0366,
59.5133


 40.2725, 54.2431,
8.5197


 60.9857, 63.5227,
72.6688

 40.0205, 54.1170,
8.3363

 64.7862, 65.1551,
87.6120

 68.8608, 66.8996,
103.8913

 69.8736, 67.4217,
103.9387

 70.9072, 67.9545,
103.9871

Harmonies

Analogous

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



56.9935, 57.4440, 21.2354



47.1086, 57.4440, 23.3568



40.1295, 57.4440, 34.1854

Triad

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



47.1086, 57.4440, 23.3568



43.4994, 57.4440, 120.3688



76.9032, 57.4440, 69.5536

Complementary

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



47.1086, 57.4440, 23.3568



25.5674, 20.1430, 62.2183

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.



72.1849, 57.4440, 103.3925



47.1086, 57.4440, 23.3568



52.2721, 57.4440, 138.1714

Square

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



47.1086, 57.4440, 23.3568



38.2376, 57.4440, 87.8710



62.8436, 57.4440, 131.1342



75.0659, 57.4440, 42.6255

Rectangle

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



47.1086, 57.4440, 23.3568



37.6389, 57.4440, 47.4466



62.8436, 57.4440, 131.1342



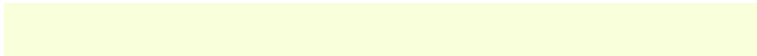
76.0134, 57.4440, 80.5524

Sweetspot

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



47.1100, 57.4466, 23.3580



87.7132, 96.8212, 81.2905



36.1246, 29.1287, 18.4711



18.5530, 20.6273, 16.5916



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.



47.1100, 57.4466, 23.3580



71.5952, 89.6708, 28.1869



36.9265, 52.1968, 22.8814



12.6060, 13.6958, 12.5912



25.0110, 33.7626, 5.1986



1.4502, 1.9145, 0.2931

Inverse Universe

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



25.5674, 20.1430, 62.2183



33.3224, 23.3146, 97.3516



34.3518, 24.6716, 62.6294



11.3410, 11.5091, 14.8674



7.5608, 3.0780, 37.3881



0.4802, 0.2017, 2.0932

Previews

White Background



This preview shows how the XYZ color 47.1086, 57.4440, 23.3568 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 47.1086, 57.4440, 23.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

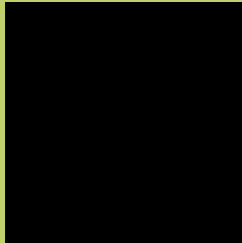
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1086, 57.4440, 23.3568

Background



This preview shows how black text looks on a background with the XYZ color 47.1086, 57.4440, 23.3568.



This preview shows how white text looks on a background with the XYZ color 47.1086, 57.4440,

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

47.1086, 57.4440, 23.3568

Protanopia

52.2907, 56.9685, 22.1499

Deuteranopia

58.4129, 57.0965, 23.8616



Tritanopia

56.5254, 57.0707, 70.3239

Trichromacy



Original Color

47.1086, 57.4440, 23.3568

Protanomaly

50.1218, 56.8791, 22.5244

Deuteranomaly

53.6874, 56.9721, 23.7899

Tritanomaly

52.2116, 56.6831, 48.7465

Monochromacy



Original Color

47.1086, 57.4440, 23.3568

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

48.4539, 54.2033, 42.0909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1086, 57.4440, 23.3568 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(192, 208, 110)` looks like.

```
.text, #text, p{  
    color:rgb(192, 208, 110)  
}
```

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(192, 208, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 208, 110) }
```

Border

The CSS property to change the border of an element to XYZ 47.1086, 57.4440, 23.3568 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(192, 208, 110) }
```


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

```
.border{ border-color:rgb(192, 208, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 208, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 208, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 208, 110);  
box-shadow:4px 4px 4px 4px rgb(192, 208,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1086, 57.4440, 23.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 208, 110) }
```

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

```
.background{ background-color: rgb(192,  
208, 110) }
```

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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