

Converting Colors

XYZ(46.5277, 47.8318, 37.7905)

Have a look what the booklet for
XYZ(46.5277, 47.8318, 37.7905)
contains.

XYZ(46.5277, 47.8318, 37.7905)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(46.5277, 47.8318,
37.7905)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B59B
RGB	201, 181, 155
RGB Percent	79%, 71%, 61%
CMY	0.2118, 0.2902, 0.3922
CMYK	0.00, 0.10, 0.23, 0.21
HSL	34°, 30%, 70%
HSV	34°, 23%, 79%
XYZ	46.5277, 47.8318, 37.7905
YIQ	184.0160, 20.2660, -3.8460

Conversions

Conversions Part 2

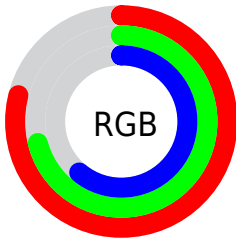
Format	Color
RYB	190, 201, 155
Decimal	13219227
CIELab	74.72, 3.03, 15.86
CIELCh	75, 16.146, 79.184
Yxy	47.8318, 0.3521, 0.3620
Android (android.graphics.Color)	4291409307 (0xFFC9B59B)
YUV	184.0160, -14.3049, 14.8950
Hunter-Lab	69.1605, -0.9452, 16.0153

Details

The XYZ color **46.5277, 47.8318, 37.7905** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.3899, 41.8446, 61.2595**, and the grayscale version is **45.6385, 48.0153, 52.2886**.

A 20% lighter version of the original color is **83.0328, 86.4318, 72.6283**, and **22.2505, 22.6409, 16.2941** is the 20% darker color. If you saturate the color by 10%, you get **43.2573, 43.7711, 29.0540**, and if you desaturate by 10%, it is **50.1931, 52.2321, 48.0461**.

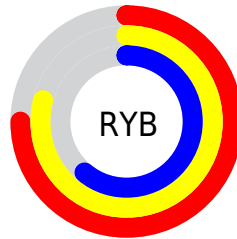
Distribution



Red (79%)

Green (71%)

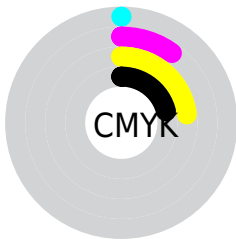
Blue (61%)



Red (75%)

Yellow (79%)

Blue (61%)

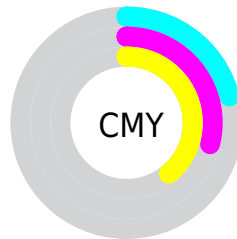


Cyan (0%)

Magenta (10%)

Yellow (23%)

Black (21%)



Cyan (21%)

Magenta (29%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.5277, 47.8318, 37.7905 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 46.5277, 47.8318, 37.7905 by changing the saturation by 10% instead.


 46.5277, 47.8318,
37.7905

 46.5277, 47.8318,
37.7905


363.6066,
378.1250, 351.9916

 32.8688, 33.6937,
25.5196


 84.2312, 86.9539,
72.9868

 22.1847, 22.6584,
16.2420


 109.0066,
112.7067, 96.7492

 14.1101, 14.3415,
9.5394


138.2182,
143.0999, 125.1792

 8.2795, 8.3585,
4.9931

172.2313,
178.5178, 158.6953

 4.3276, 4.3252,
2.1845

211.4114,
219.3449, 197.7160

 1.8891, 1.8571,
0.6654

256.1237,

 0.5705, 0.5224,

265.9656, 242.6600

0.0000

306.7337,
318.7641, 293.9457

■ 0.0000, 0.0000,
0.0000

■ 46.5277, 47.8318,
37.7905

■ 46.5277, 47.8318,
37.7905

■ 43.2573, 43.7711,
29.0540

■ 50.1931, 52.2321,
48.0461

■ 40.3622, 40.0339,
21.7598

■ 54.2646, 56.9747,
59.8865

■ 37.8264, 36.6121,
15.8286

■ 58.7576, 62.0704,
73.3773

■ 35.6314, 33.4949,
11.1725

■ 63.6853, 67.5275,
88.5794

■ 33.7562, 30.6705,
7.6929

■ 68.9796, 73.3217,
105.1246

■ 32.1772, 28.1256,
5.2767

■ 71.3982, 78.1589,
105.9308

■ 30.8665, 25.8453,
3.7881

■ 73.9394, 83.2413,
106.7779

■ 30.0628, 24.3681,
3.1190

■ 76.6049, 88.5723,
107.6664

■ 77.8976, 91.1576,
108.0973

Harmonies

Analogous

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



49.2440, 47.8318, 40.8030



46.5277, 47.8318, 37.7905



43.6371, 47.8318, 38.2845

Triad

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



46.5277, 47.8318, 37.7905



40.3485, 47.8318, 57.5625



49.8594, 47.8318, 63.3502

Complementary

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



46.5277, 47.8318, 37.7905



39.3899, 41.8446, 61.2595

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.



47.3385, 47.8318, 68.8472



46.5277, 47.8318, 37.7905



41.8801, 47.8318, 65.2657

Square

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



46.5277, 47.8318, 37.7905



40.1524, 47.8318, 49.1124



44.4141, 47.8318, 69.5836



51.2217, 47.8318, 55.1663

Rectangle

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



46.5277, 47.8318, 37.7905



41.9965, 47.8318, 40.5526



44.4141, 47.8318, 69.5836



49.1145, 47.8318, 65.6094

Sweetspot

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



46.5290, 47.8340, 37.7915



89.8824, 94.0520, 93.6523



43.6161, 38.9835, 46.1452



19.1468, 20.0243, 19.7782



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.



46.5290, 47.8340, 37.7915



77.0633, 78.7004, 57.6671



50.2772, 56.2414, 39.2168



11.1230, 11.6152, 11.2185



18.9947, 15.5066, 1.9919



0.9705, 0.8764, 0.1180

Inverse Universe

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



39.3899, 41.8446, 61.2595



62.9122, 66.8301, 104.1914



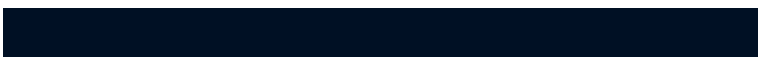
36.2278, 34.8587, 60.0777



10.4296, 11.0333, 13.4974



8.8784, 7.1507, 35.6566



0.4921, 0.4820, 1.7122

Previews

White Background



This preview shows how the XYZ color 46.5277, 47.8318, 37.7905 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 46.5277, 47.8318, 37.7905 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

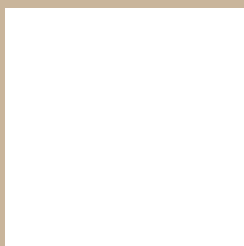
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.5277, 47.8318, 37.7905

Background



This preview shows how black text looks on a background with the XYZ color 46.5277, 47.8318, 37.7905.



This preview shows how white text looks on a background with the XYZ color 46.5277, 47.8318,

37.7905.

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

46.5277, 47.8318, 37.7905

Protanopia

45.1824, 47.7366, 38.2852

Deuteranopia

48.8743, 47.8416, 38.1109



Tritanopia

49.9964, 47.7475, 55.2963

Trichromacy



Original Color

46.5277, 47.8318, 37.7905

Protanomaly

45.7547, 47.7265, 38.2531

Deuteranomaly

47.9336, 47.6510, 38.1237

Tritanomaly

48.7580, 47.8525, 48.2616

Monochromacy



Original Color

46.5277, 47.8318, 37.7905

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.7115, 47.8313, 46.3583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5277, 47.8318, 37.7905 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(201, 181, 155)` looks like.

```
.text, #text, p{  
    color:rgb(201, 181, 155)  
}
```

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(201, 181, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 181, 155) }
```

Border

The CSS property to change the border of an element to XYZ 46.5277, 47.8318, 37.7905 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(201, 181, 155) }
```


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

```
.border{ border-color:rgb(201, 181, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 181, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 181, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 181, 155);  
box-shadow:4px 4px 4px 4px rgb(201, 181,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5277, 47.8318, 37.7905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 181, 155) }
```

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

```
.background{ background-color: rgb(201,  
181, 155) }
```

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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