

Converting Colors

XYZ(38.7834, 41.3024, 25.3574)

Have a look what the booklet for
XYZ(38.7834, 41.3024, 25.3574)
contains.

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Color

**XYZ(38.7581, 41.1713,
25.3061)**

Conversions

Conversions Part 1

Format	Color
Hex	BBAB7D
RGB	187, 171, 125
RGB Percent	73%, 67%, 49%
CMY	0.2667, 0.3294, 0.5098
CMYK	0.00, 0.09, 0.33, 0.27
HSL	45°, 31%, 61%
HSV	45°, 33%, 73%
XYZ	38.7581, 41.1713, 25.3061
YIQ	170.5400, 24.3020, -10.9140

Conversions

Conversions Part 2

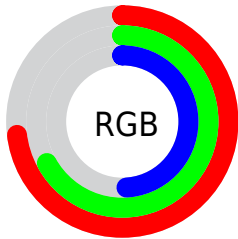
Format	Color
RYB	147, 187, 125
Decimal	12299133
CIELab	70.30, -1.19, 25.82
CIELCh	70, 25.847, 92.636
Yxy	41.1713, 0.3683, 0.3912
Android (android.graphics.Color)	4290489213 (0xFFBBAB7D)
YUV	170.5400, -22.4512, 14.4354
Hunter-Lab	64.1649, -4.4675, 21.5319

Details

The XYZ color **38.7581, 41.1713, 25.3061** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.9517, 26.9968, 50.8041**, and the grayscale version is **38.5793, 40.5884, 44.2008**.

A 20% lighter version of the original color is **72.5405, 76.8402, 53.1278**, and **17.5742, 18.7020, 9.5211** is the 20% darker color. If you saturate the color by 10%, you get **36.7798, 38.9498, 19.2976**, and if you desaturate by 10%, it is **40.9967, 43.5531, 32.5120**.

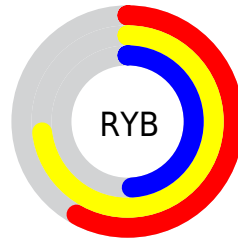
Distribution



Red (73%)

Green (67%)

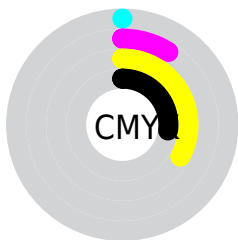
Blue (49%)



Red (58%)

Yellow (73%)

Blue (49%)

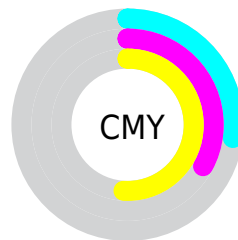


Cyan (0%)

Magenta (9%)

Yellow (33%)

Black (27%)



Cyan (27%)


Magenta (33%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7581, 41.1713, 25.3061 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 38.7581, 41.1713, 25.3061 by changing the saturation by 10% instead.


 38.7581, 41.1713,
25.3061


 38.7581, 41.1713,
25.3061


332.0858,
351.0361, 292.8552


 26.7515, 28.4530,
16.0842

 72.5651, 76.9439,
53.1236

 17.5223, 18.6674,
9.4287


 95.0961, 100.7669,
72.5563

 10.7052, 11.4302,
4.9213


 121.8660,
129.0602, 96.2297

 5.9348, 6.3570,
2.1432

153.2402,
162.2083, 124.5622

 2.8457, 3.0633,
0.6413

189.5838,
200.5956, 157.9725

 1.0727, 1.1649,
0.0000

231.2624,

 0.0021, 0.0327,

244.6063, 196.8791

0.0000

278.6413,
294.6250, 241.7005

■ 0.0000, 0.0000,
0.0000

■ 38.7581, 41.1713,
25.3061

■ 38.7581, 41.1713,
25.3061

■ 36.7798, 38.9498,
19.2976

■ 40.9967, 43.5531,
32.5120

■ 35.0457, 36.8771,
14.4171

■ 43.5045, 46.0949,
40.9742

■ 33.5425, 34.9490,
10.5922

■ 46.2937, 48.8036,
50.7508

■ 32.2544, 33.1583,
7.7407

■ 49.3748, 51.6839,
61.8957

■ 31.1630, 31.4973,
5.7684

■ 52.7578, 54.7403,
74.4596

■ 30.2465, 29.9566,
4.5621

■ 56.4522, 57.9772,
88.4907

■ 29.6908, 28.9593,
4.0248

■ 60.3214, 61.3405,
103.2684

■ 61.4917, 63.6811,
103.6585

■ 62.6979, 66.0934,
104.0605

Harmonies

Analogous

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



43.0027, 41.1713, 27.1163



38.7581, 41.1713, 25.3061



34.8955, 41.1713, 27.8922

Triad

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



38.7581, 41.1713, 25.3061



32.6566, 41.1713, 58.6455



46.8332, 41.1713, 56.4474

Complementary

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



38.7581, 41.1713, 25.3061



26.9517, 26.9968, 50.8041

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.



43.6984, 41.1713, 67.5213



38.7581, 41.1713, 25.3061



35.5010, 41.1713, 68.9431

Square

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



38.7581, 41.1713, 25.3061



31.5356, 41.1713, 45.9117



39.5085, 41.1713, 72.4511



47.8599, 41.1713, 43.7626

Rectangle

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



38.7581, 41.1713, 25.3061



32.9999, 41.1713, 32.0924



39.5085, 41.1713, 72.4511



45.9804, 41.1713, 60.5543

Sweetspot

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



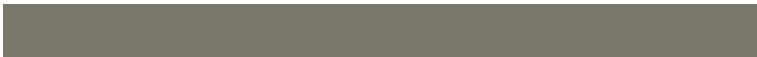
38.7591, 41.1732, 25.3070



79.3575, 83.9757, 78.3732



32.6750, 27.1715, 28.9308



17.3248, 18.3446, 16.7349



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



38.7591, 41.1732, 25.3070



66.7192, 70.7316, 37.0659



38.6028, 45.8526, 26.2184



10.1082, 10.6925, 10.1077



20.5178, 20.0745, 2.7934



0.8537, 0.8863, 0.1261

Inverse Universe

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



26.9517, 26.9968, 50.8041



42.2438, 41.3581, 89.9578



27.0292, 23.7848, 50.1801



9.2113, 9.6148, 12.0426



6.9658, 4.0434, 32.8062



0.3278, 0.2682, 1.3033

Previews

White Background



This preview shows how the XYZ color 38.7581, 41.1713, 25.3061 looks on a white background.

Color Contrast Check

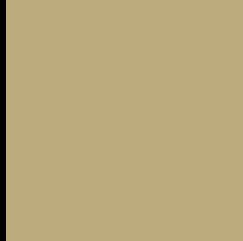
Large Text (above 18pt) WCAG AA × Fail

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 38.7581, 41.1713, 25.3061 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

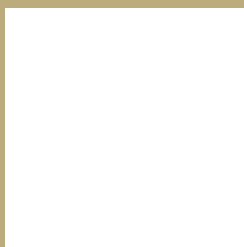
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.7581, 41.1713, 25.3061

Background



This preview shows how black text looks on a background with the XYZ color 38.7581, 41.1713, 25.3061.



This preview shows how white text looks on a background with the XYZ color 38.7581, 41.1713,

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

38.7581, 41.1713, 25.3061

Protanopia

38.4618, 41.3000, 25.3466

Deuteranopia

41.8496, 41.1131, 25.4686



Tritanopia

43.2036, 41.0627, 47.2438

Trichromacy



Original Color

38.7581, 41.1713, 25.3061

Protanomaly

38.7039, 41.4248, 25.3579

Deuteranomaly

40.6106, 41.0141, 25.5148

Tritanomaly

41.4761, 41.1824, 38.1107

Monochromacy



Original Color

38.7581, 41.1713, 25.3061

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.5271, 40.8060, 36.4176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7581, 41.1713, 25.3061 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(187, 171, 125)` looks like.

```
.text, #text, p{  
    color:rgb(187, 171, 125)  
}
```

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(187, 171, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 171, 125) }
```

Border

The CSS property to change the border of an element to XYZ 38.7581, 41.1713, 25.3061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

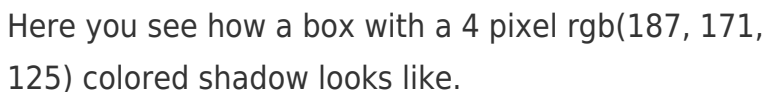
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 171, 125) }
```


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

```
.border{ border-color:rgb(187, 171, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 171, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 171, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 171, 125);  
box-shadow:4px 4px 4px 4px rgb(187, 171,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7581, 41.1713, 25.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 171, 125) }
```

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

```
.background{ background-color: rgb(187,  
171, 125) }
```

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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