

Converting Colors

XYZ(37.3913, 41.0695, 19.4121)

Have a look what the booklet for
XYZ(37.3913, 41.0695, 19.4121)
contains.

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Color

**XYZ(37.5010, 41.2213,
19.3446)**

Conversions

Conversions Part 1

Format	Color
Hex	B9AD69
RGB	185, 173, 105
RGB Percent	73%, 68%, 41%
CMY	0.2745, 0.3216, 0.5882
CMYK	0.00, 0.06, 0.43, 0.27
HSL	51°, 36%, 57%
HSV	51°, 43%, 73%
XYZ	37.5010, 41.2213, 19.3446
YIQ	168.8360, 28.9800, -18.6040

Conversions

Conversions Part 2

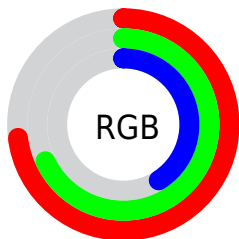
Format	Color
RYB	119, 185, 105
Decimal	12168553
CIELab	70.33, -5.39, 36.41
CIELCh	70, 36.809, 98.423
Yxy	41.2213, 0.3824, 0.4203
Android (android.graphics.Color)	4290358633 (0xFFB9AD69)
YUV	168.8360, -31.4711, 14.1758
Hunter-Lab	64.2038, -8.0961, 27.0786

Details

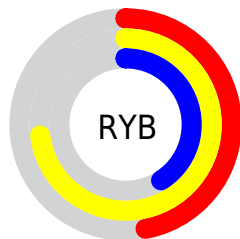
The XYZ color **37.5010, 41.2213, 19.3446** is a light color, and the websafe version is hex **999966**. A complement of this color would be **20.9439, 19.2282, 48.5066**, and the grayscale version is **37.7725, 39.7396, 43.2764**.

A 20% lighter version of the original color is **70.4472, 76.7984, 43.0089**, and **16.7571, 18.7061, 6.4688** is the 20% darker color. If you saturate the color by 10%, you get **36.1257, 39.8303, 14.6945**, and if you desaturate by 10%, it is **39.0963, 42.7209, 25.0895**.

Distribution



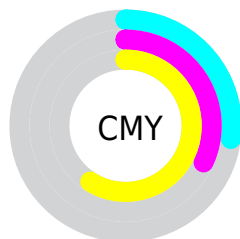
- Red (73%)
- Green (68%)
- Blue (41%)



- Red (47%)
- Yellow (73%)
- Blue (41%)



- Cyan (0%)
- Magenta (6%)
- Yellow (43%)
- Black (27%)



- Cyan (27%)
- Magenta (32%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5010, 41.2213, 19.3446 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 37.5010, 41.2213, 19.3446 by changing the saturation by 10% instead.

37.5010, 41.2213,
19.3446

37.5010, 41.2213,
19.3446

326.7925,
351.2447, 260.8304

25.7711, 28.4920,
11.7402

70.6515, 77.0197,
43.1600

16.7842, 18.6969,
6.4467

92.8028, 100.8577,
60.2081

10.1751, 11.4515,
3.0454

119.1586,
129.1673, 81.2412

5.5784, 6.3714,
1.1179

150.0842,
162.3330, 106.6778

2.6287, 3.0722,
0.0000

185.9451,
200.7393, 136.9365

0.9606, 1.1695,
0.0000

227.1065,

0.0000, 0.0366,

244.7703, 172.4358

0.0000

273.9339,
294.8107, 213.5943

■ 0.0000, 0.0000,
0.0000

■ 37.5010, 41.2213,
19.3446

■ 37.5010, 41.2213,
19.3446

■ 36.1257, 39.8303,
14.6945

■ 39.0963, 42.7209,
25.0895

■ 34.9536, 38.5367,
11.0652

■ 40.9209, 44.3286,
31.9915

■ 33.9706, 37.3362,
8.3777


■ 42.9872, 46.0508,
40.1115


■ 33.1592, 36.2217,
6.5403


■ 45.3060, 47.8920,
49.5051


■ 32.4984, 35.1846,
5.4426


■ 47.8871, 49.8562,
60.2248

 32.1086, 34.5163,
4.9700

 50.7401, 51.9473,
72.3198

 53.8738, 54.1690,
85.8369

 57.2969, 56.5249,
100.8209

 58.2451, 57.9093,
102.7155

Harmonies

Analogous

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



43.6128, 41.2213, 20.4930



37.5010, 41.2213, 19.3446



32.3890, 41.2213, 23.5235

Triad

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



37.5010, 41.2213, 19.3446



30.7583, 41.2213, 68.9202



51.0168, 41.2213, 58.2758

Complementary

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



37.5010, 41.2213, 19.3446



20.9439, 19.2282, 48.5066

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.



46.8586, 41.2213, 76.3510



37.5010, 41.2213, 19.3446



35.0575, 41.2213, 83.5150

Square

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



37.5010, 41.2213, 19.3446



28.7669, 41.2213, 49.9396



40.9076, 41.2213, 86.5373



51.8432, 41.2213, 40.1798

Rectangle

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



37.5010, 41.2213, 19.3446



30.0855, 41.2213, 29.6071



40.9076, 41.2213, 86.5373



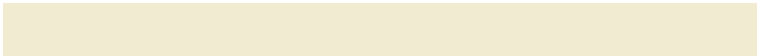
49.9432, 41.2213, 64.6748

Sweetspot

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



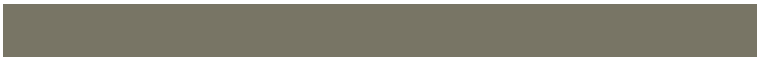
37.5020, 41.2232, 19.3455



77.0012, 82.4858, 71.8857



28.2704, 21.7023, 19.5291



16.4163, 17.6322, 14.7665



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



37.5020, 41.2232, 19.3455



64.7902, 71.4300, 26.6091



33.8037, 42.8862, 19.8614



9.6324, 10.2677, 9.5811



21.9053, 23.5869, 3.3982



0.8037, 0.8944, 0.1303

Inverse Universe

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



20.9439, 19.2282, 48.5066



31.2513, 26.9022, 85.7501



23.4818, 18.5930, 48.2503



8.6269, 8.9311, 11.3486



6.2756, 3.0108, 31.5035



0.2559, 0.1754, 1.1221

Previews

White Background



This preview shows how the XYZ color 37.5010, 41.2213, 19.3446 looks on a white background.

Color Contrast Check

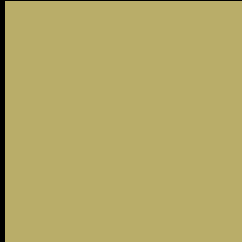
Large Text (above 18pt) WCAG AA × Fail

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 37.5010, 41.2213, 19.3446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

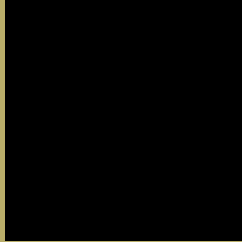
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5010, 41.2213, 19.3446

Background



This preview shows how black text looks on a background with the XYZ color 37.5010, 41.2213, 19.3446.



This preview shows how white text looks on a background with the XYZ color 37.5010, 41.2213,

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

37.5010, 41.2213, 19.3446

Protanopia

38.0414, 41.2163, 19.3152

Deuteranopia

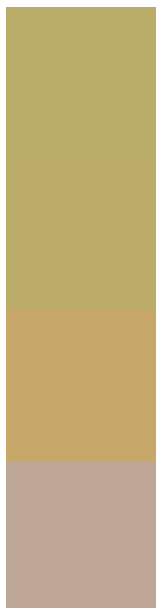
41.9417, 41.0224, 19.6175



Tritanopia

43.2036, 41.0627, 47.2438

Trichromacy



Original Color

37.5010, 41.2213, 19.3446

Protanomaly

37.7958, 41.0898, 19.3037

Deuteranomaly

40.2397, 40.9574, 19.4204

Tritanomaly

40.6398, 40.8189, 35.0151

Monochromacy



Original Color

37.5010, 41.2213, 19.3446

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.2422, 39.9387, 32.9402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5010, 41.2213, 19.3446 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(185, 173, 105)` looks like.

```
.text, #text, p{  
    color:rgb(185, 173, 105)  
}
```

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(185, 173, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 173, 105) }
```

Border

The CSS property to change the border of an element to XYZ 37.5010, 41.2213, 19.3446 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(185, 173, 105) }
```


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

```
.border{ border-color:rgb(185, 173, 105) }
```

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

Here you see how a box with a 4 pixel rgb(185, 173, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 173, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 173, 105);  
box-shadow:4px 4px 4px 4px rgb(185, 173,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5010, 41.2213, 19.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 173, 105) }
```

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

```
.background{ background-color: rgb(185,  
173, 105) }
```

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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