

Converting Colors

XYZ(37.5229, 41.4384, 26.2707)

Have a look what the booklet for
XYZ(37.5229, 41.4384, 26.2707)
contains.

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Color

**XYZ(37.6227, 41.4143,
26.4329)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AE80
RGB	179, 174, 128
RGB Percent	70%, 68%, 50%
CMY	0.2980, 0.3176, 0.4980
CMYK	0.00, 0.03, 0.28, 0.30
HSL	54°, 25%, 60%
HSV	54°, 28%, 70%
XYZ	37.6227, 41.4143, 26.4329
YIQ	170.2510, 17.7460, -13.2460

Conversions

Conversions Part 2

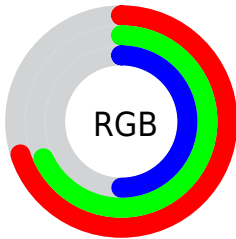
Format	Color
RYB	134, 179, 128
Decimal	11775616
CIELab	70.47, -5.58, 24.31
CIELCh	70, 24.944, 102.916
Yxy	41.4143, 0.3567, 0.3927
Android (android.graphics.Color)	4289965696 (0xFFB3AE80)
YUV	170.2510, -20.8297, 7.6729
Hunter-Lab	64.3539, -8.2645, 20.6948

Details

The XYZ color **37.6227, 41.4143, 26.4329** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.4261, 24.6182, 46.0596**, and the grayscale version is **38.4291, 40.4304, 44.0287**.

A 20% lighter version of the original color is **70.6208, 77.0370, 54.8636**, and **16.9389, 18.9047, 9.9639** is the 20% darker color. If you saturate the color by 10%, you get **36.2108, 40.3125, 20.6535**, and if you desaturate by 10%, it is **39.2490, 42.6118, 33.3103**.

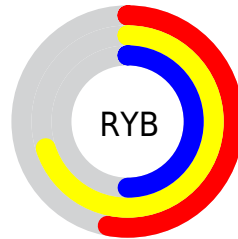
Distribution



Red (70%)

Green (68%)

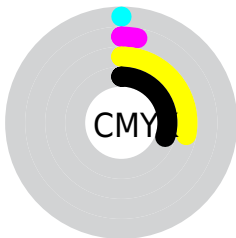
Blue (50%)



Red (53%)

Yellow (70%)

Blue (50%)

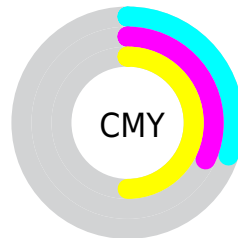


Cyan (0%)

Magenta (3%)

Yellow (28%)

Black (30%)



Cyan (30%)


Magenta (32%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6227, 41.4143, 26.4329 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 37.6227, 41.4143, 26.4329 by changing the saturation by 10% instead.


 37.6227, 41.4143,
26.4329


 37.6227, 41.4143,
26.4329


327.3076,
352.0492, 298.5735


 25.8659, 28.6430,
16.9191


 70.8371, 77.3124,
54.9651

 16.8555, 18.8109,
10.0155


 93.0254, 101.2080,
74.8207

 10.2262, 11.5337,
5.3035


 119.4215,
129.5804, 98.9605

 5.6126, 6.4270,
2.3646

150.3909,
162.8141, 127.8032

 2.6494, 3.1064,
0.7671

186.2988,
201.2934, 161.7673

 0.9712, 1.1876,
0.0000

227.5107,

 0.0000, 0.0515,

245.4028, 201.2714

0.0000

274.3918,
295.5266, 246.7340

■ 0.0000, 0.0000,
0.0000

■ 37.6227, 41.4143,
26.4329

■ 37.6227, 41.4143,
26.4329

■ 36.2108, 40.3125,
20.6535

■ 39.2490, 42.6118,
33.3103

■ 34.9993, 39.2965,
15.9118

■ 41.0967, 43.9036,
41.3363

■ 33.9771, 38.3632,
12.1460

■ 43.1763, 45.2952,
50.5617

■ 33.1312, 37.5074,
9.2865

■ 45.4968, 46.7903,
61.0333

■ 32.4465, 36.7231,
7.2546

■ 48.0665, 48.3924,
72.7955

■ 31.9055, 36.0032,
5.9580

■ 50.8936, 50.1045,
85.8906

■ 31.4782, 35.3357,
5.2390

■ 53.9857, 51.9299,
100.3588

■ 31.4170, 35.2368,
5.1455

■ 54.6304, 52.7836,
101.9167

■ 55.0073, 53.5375,
102.0423

Harmonies

Analogous

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



41.7309, 41.4143, 26.7325



37.6227, 41.4143, 26.4329



34.2228, 41.4143, 30.4643

Triad

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



37.6227, 41.4143, 26.4329



33.8538, 41.4143, 62.3291



47.4116, 41.4143, 52.0751

Complementary

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



37.6227, 41.4143, 26.4329



25.4261, 24.6182, 46.0596

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.



44.9939, 41.4143, 63.7847



37.6227, 41.4143, 26.4329



37.0865, 41.4143, 70.3750

Square

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



37.6227, 41.4143, 26.4329



32.1510, 41.4143, 50.3443



41.1563, 41.4143, 70.9499



47.5803, 41.4143, 40.2205

Rectangle

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



37.6227, 41.4143, 26.4329



32.7371, 41.4143, 35.5524



41.1563, 41.4143, 70.9499



46.8277, 41.4143, 56.2041

Sweetspot

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



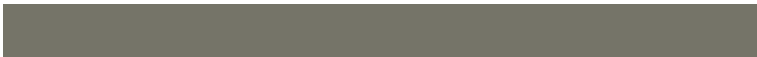
37.6238, 41.4162, 26.4338



73.3716, 78.4717, 73.0163



30.5505, 26.7187, 25.7741



16.1450, 17.3094, 15.6928



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.



37.6238, 41.4162, 26.4338



65.7996, 72.9536, 40.8167



34.2355, 41.1289, 26.5569



9.1245, 9.7615, 9.0558



22.2273, 24.9531, 3.6449



0.7198, 0.8260, 0.1215

Inverse Universe

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



25.4261, 24.6182, 46.0596



40.4625, 38.0645, 81.5957



28.1415, 25.0268, 45.9953



8.1067, 8.3596, 10.6926



5.9204, 2.6412, 30.3348



0.2080, 0.1266, 0.9617

Previews

White Background



This preview shows how the XYZ color 37.6227, 41.4143, 26.4329 looks on a white background.

Color Contrast Check

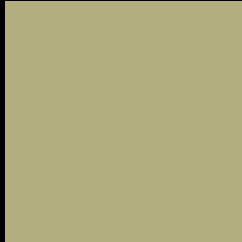
Large Text (above 18pt) WCAG AA × Fail

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 37.6227, 41.4143, 26.4329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

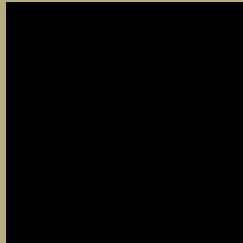
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.6227, 41.4143, 26.4329

Background



This preview shows how black text looks on a background with the XYZ color 37.6227, 41.4143, 26.4329.



This preview shows how white text looks on a background with the XYZ color 37.6227, 41.4143,

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

37.6227, 41.4143, 26.4329

Protanopia

38.5909, 41.3516, 26.0264

Deuteranopia

42.1130, 41.2185, 26.8555



Tritanopia

42.0645, 41.2470, 48.9244

Trichromacy



Original Color

37.6227, 41.4143, 26.4329

Protanomaly

38.3028, 41.4867, 26.0676

Deuteranomaly

40.2132, 41.0596, 26.5747

Tritanomaly

40.3362, 41.3899, 39.5813

Monochromacy



Original Color

37.6227, 41.4143, 26.4329

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.7129, 40.3766, 36.8161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6227, 41.4143, 26.4329 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(179, 174, 128)` looks like.

```
.text, #text, p{  
    color:rgb(179, 174, 128)  
}
```

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(179, 174, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 174, 128) }
```

Border

The CSS property to change the border of an element to XYZ 37.6227, 41.4143, 26.4329 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(179, 174, 128) }
```


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

```
.border{ border-color:rgb(179, 174, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 174, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 174, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 174, 128);  
box-shadow:4px 4px 4px 4px rgb(179, 174,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6227, 41.4143, 26.4329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 174, 128) }
```

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

```
.background{ background-color: rgb(179,  
174, 128) }
```

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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