

Converting Colors

XYZ(37.0864, 46.2873, 41.5314)

Have a look what the booklet for
XYZ(37.0864, 46.2873, 41.5314)
contains.

XYZ(37.1376, 46.3634, 41.6420)	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(37.1376, 46.3634,
41.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	91C0A3
RGB	145, 192, 163
RGB Percent	57%, 75%, 64%
CMY	0.4314, 0.2470, 0.3608
CMYK	0.24, 0.00, 0.15, 0.25
HSL	143°, 27%, 66%
HSV	143°, 24%, 75%
XYZ	37.1376, 46.3634, 41.6420
YIQ	174.6410, -18.7030, -18.9830

Conversions

Conversions Part 2

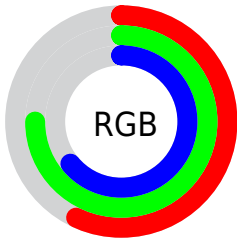
Format	Color
RYB	145, 179, 192
Decimal	9552035
CIELab	73.78, -21.45, 9.62
CIELCh	74, 23.510, 155.844
Yxy	46.3634, 0.2968, 0.3705
Android (android.graphics.Color)	4287742115 (0xFF91C0A3)
YUV	174.6410, -5.7390, -25.9952
Hunter-Lab	68.0907, -21.8023, 11.4037

Details

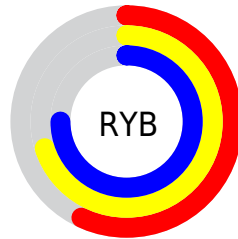
The XYZ color **37.1376, 46.3634, 41.6420** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.5053, 34.5145, 44.6263**, and the grayscale version is **40.5987, 42.7130, 46.5145**.

A 20% lighter version of the original color is **70.3500, 85.0927, 79.0464**, and **16.4719, 21.6518, 18.3500** is the 20% darker color. If you saturate the color by 10%, you get **33.0239, 44.3609, 36.1658**, and if you desaturate by 10%, it is **41.9251, 48.7043, 47.6709**.

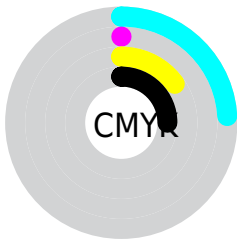
Distribution



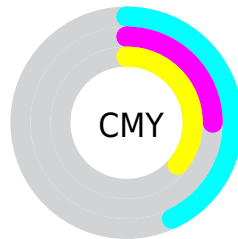
- Red (57%)
- Green (75%)
- Blue (64%)



- Red (57%)
- Yellow (70%)
- Blue (75%)



- Cyan (24%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)





- Cyan (43%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1376, 46.3634, 41.6420 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 37.1376, 46.3634, 41.6420 by changing the saturation by 10% instead.

 37.1376, 46.3634,
41.6420


 37.1376, 46.3634,
41.6420


325.2511,
372.2677, 368.7525

 25.4882, 32.5327,
28.4976

 70.0968, 84.7626,
78.9217

 16.5718, 21.7687,
18.4588


 92.1374, 110.0999,
103.8942

 10.0231, 13.6870,
11.1070


118.3723,
140.0414, 133.6464

 5.4767, 7.9033,
6.0238

149.1671,
174.9717, 168.5968

 2.5672, 4.0331,
2.7905

184.8870,
215.2751, 209.1642

 0.9292, 1.6921,
0.9887

225.8974,

 0.0000, 0.4185,

261.3359, 255.7668

0.0000

272.5636,
313.5387, 308.8235

■ 0.0000, 0.0000,
0.0000

■ 37.1376, 46.3634,
41.6420

■ 37.1376, 46.3634,
41.6420

■ 33.0239, 44.3609,
36.1658

■ 41.9251, 48.7043,
47.6709

■ 29.5487, 42.6752,
31.2235

■ 47.4120, 51.3926,
54.2644

■ 26.6793, 41.2909,
26.7997

■ 53.6270, 54.4442,
61.4380

■ 24.3782, 40.1891,
22.8772

■ 60.5962, 57.8723,
69.2055

■ 22.6039, 39.3487,
19.4377

■ 68.3443, 61.6892,
77.5803

■ 21.3082, 38.7453,
16.4617

■ 74.9542, 64.9065,
86.4847

■ 20.4338, 38.3497,
13.9281

■ 76.7149, 65.6108,
95.7564

■ 20.0707, 38.1891,
12.7091

■ 78.1405, 66.1810,
103.2635

Harmonies

Analogous

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



39.5293, 46.3634, 34.0379



37.1376, 46.3634, 41.6420



36.5505, 46.3634, 52.8602

Triad

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



37.1376, 46.3634, 41.6420



44.8898, 46.3634, 76.9950



50.9033, 46.3634, 38.1752

Complementary

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



37.1376, 46.3634, 41.6420



39.5053, 34.5145, 44.6263

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.



52.5493, 46.3634, 48.1760



37.1376, 46.3634, 41.6420



48.9393, 46.3634, 71.5169

Square

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



37.1376, 46.3634, 41.6420



40.8614, 46.3634, 74.5118



51.8089, 46.3634, 60.4918



47.4361, 46.3634, 32.2687

Rectangle

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



37.1376, 46.3634, 41.6420



37.2269, 46.3634, 61.1871



51.8089, 46.3634, 60.4918



51.6976, 46.3634, 41.1043

Sweetspot

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



37.1389, 46.3653, 41.6430



83.1612, 91.7713, 95.0741



41.5891, 48.8328, 34.0224



17.7082, 19.6230, 20.2385



92.9021, 97.7402, 106.4391



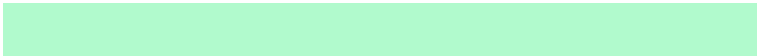
19.4759, 20.4902, 22.3138

Same Dimension

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



37.1389, 46.3653, 41.6430



63.4253, 82.1232, 70.3815



39.3629, 47.2549, 53.3544



10.1005, 11.3212, 11.5325



13.5402, 25.7102, 8.7379



0.6187, 1.1243, 0.5549

Inverse Universe

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



39.5053, 34.5145, 44.6263



68.4000, 57.2014, 76.6463



37.4727, 33.7014, 33.9227



10.3285, 10.1800, 11.8205



16.8858, 8.4441, 12.5764



0.7624, 0.3780, 0.7160

Previews

White Background



This preview shows how the XYZ color 37.1376, 46.3634, 41.6420 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 37.1376, 46.3634, 41.6420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

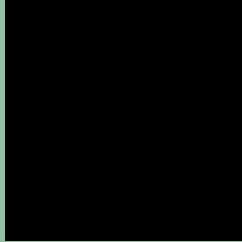
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1376, 46.3634, 41.6420

Background



This preview shows how black text looks on a background with the XYZ color 37.1376, 46.3634, 41.6420.



This preview shows how white text looks on a background with the XYZ color 37.1376, 46.3634,

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

37.1376, 46.3634, 41.6420

Protanopia

43.3933, 45.8957, 38.4700

Deuteranopia

46.7397, 45.7586, 42.9281



Tritanopia

41.2618, 46.4331, 62.0461

Trichromacy



Original Color

37.1376, 46.3634, 41.6420

Protanomaly

40.6321, 45.6684, 39.4742

Deuteranomaly

42.6982, 45.7460, 42.6558

Tritanomaly

39.5617, 46.3726, 53.8794

Monochromacy



Original Color

37.1376, 46.3634, 41.6420

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.1844, 43.8805, 44.9326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1376, 46.3634, 41.6420 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(145, 192, 163)` looks like.

```
.text, #text, p{  
    color:rgb(145, 192, 163)  
}
```

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(145, 192, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 192, 163) }
```

Border

The CSS property to change the border of an element to XYZ 37.1376, 46.3634, 41.6420 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(145, 192, 163) }
```


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

```
.border{ border-color:rgb(145, 192, 163) }
```

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

Here you see how a box with a 4 pixel rgb(145, 192, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 192, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 192, 163);  
box-shadow:4px 4px 4px 4px rgb(145, 192,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1376, 46.3634, 41.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 192, 163) }
```

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

```
.background{ background-color: rgb(145,  
192, 163) }
```

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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