

Converting Colors

XYZ(40.5524, 52.8348, 37.5603)

Have a look what the booklet for
XYZ(40.5524, 52.8348, 37.5603)
contains.

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Color

**XYZ(40.4477, 52.6050,
37.7277)**

Conversions

Conversions Part 1

Format	Color
Hex	98CD98
RGB	152, 205, 152
RGB Percent	60%, 80%, 60%
CMY	0.4039, 0.1961, 0.4039
CMYK	0.26, 0.00, 0.26, 0.20
HSL	120°, 35%, 70%
HSV	120°, 26%, 80%
XYZ	40.4477, 52.6050, 37.7277
YIQ	183.1110, -14.5750, -27.7190

Conversions

Conversions Part 2

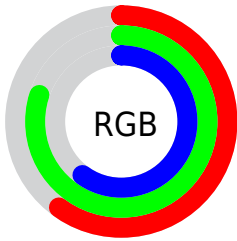
Format	Color
RYB	152, 205, 205
Decimal	10014104
CIELab	77.64, -27.54, 20.98
CIELCh	78, 34.618, 142.704
Yxy	52.6050, 0.3093, 0.4022
Android (android.graphics.Color)	4288204184 (0xFF98CD98)
YUV	183.1110, -15.3377, -27.2843
Hunter-Lab	72.5293, -27.3815, 19.9295

Details

The XYZ color **40.4477, 52.6050, 37.7277** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.4263, 39.8445, 62.9510**, and the grayscale version is **45.1590, 47.5108, 51.7392**.

A 20% lighter version of the original color is **72.6327, 89.2416, 71.7897**, and **18.5108, 25.4616, 16.2509** is the 20% darker color. If you saturate the color by 10%, you get **35.4010, 50.1824, 29.4718**, and if you desaturate by 10%, it is **46.4506, 55.4901, 47.5454**.

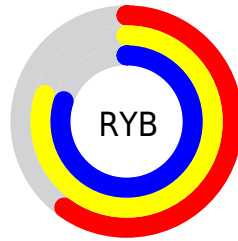
Distribution



Red (60%)

Green (80%)

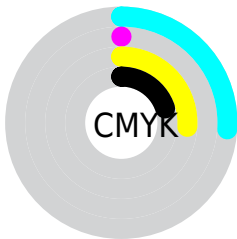
Blue (60%)



Red (60%)

Yellow (80%)

Blue (80%)

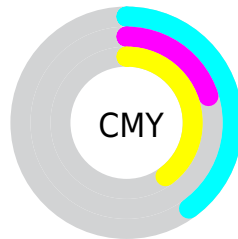


Cyan (26%)

Magenta (0%)

Yellow (26%)

Black (20%)



Cyan (40%)

Magenta (20%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4477, 52.6050, 37.7277 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 40.4477, 52.6050, 37.7277 by changing the saturation by 10% instead.

■ 40.4477, 52.6050,
37.7277

■ 40.4477, 52.6050,
37.7277

339.1091,
396.7678, 351.7135

■ 28.0735, 37.4875,
25.4712

■ 75.1248, 94.0229,
72.8894

■ 18.5218, 25.5852,
16.2063

■ 98.1584, 121.0921,
96.6316

■ 11.4272, 16.5136,
9.5143

125.4760,
152.9140, 125.0396

■ 6.4244, 9.8883,
4.9768

157.4427,
189.8730, 158.5318

■ 3.1479, 5.3250,
2.1751

194.4240,
232.3535, 197.5267

■ 1.2325, 2.4392,
0.6600

236.7853,

■ 0.1318, 0.8459,

280.7398, 242.4430

0.0000

284.8919,
335.4165, 293.6991

■ 0.0000, 0.0000,
0.0000

■ 40.4477, 52.6050,
37.7277

■ 40.4477, 52.6050,
37.7277

■ 35.4010, 50.1824,
29.4718

■ 46.4506, 55.4901,
47.5454

■ 31.2572, 48.1919,
22.6939

■ 53.4510, 58.8527,
58.9959

■ 27.9645, 46.6102,
17.3079

■ 61.4930, 62.7157,
72.1499

■ 25.4636, 45.4089,
13.2173

■ 70.6166, 67.0982,
87.0731

■ 23.6882, 44.5561,
10.3132

■ 80.8598, 72.0186,
103.8277

■ 22.5608, 44.0146,
8.4690

■ 81.1223, 72.1447,
104.2574

■ 21.9853, 43.7381,
7.5277

■ 21.8323, 43.6647,
7.2775

Harmonies

Analogous

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



45.1966, 52.6050, 29.5687



40.4477, 52.6050, 37.7277



38.2936, 52.6050, 52.7250

Triad

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



40.4477, 52.6050, 37.7277



48.3834, 52.6050, 102.1471



62.8312, 52.6050, 44.2018

Complementary

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



40.4477, 52.6050, 37.7277



47.4263, 39.8445, 62.9510

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.



63.8765, 52.6050, 62.0857



40.4477, 52.6050, 37.7277



55.1310, 52.6050, 98.4333

Square

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



40.4477, 52.6050, 37.7277



42.6023, 52.6050, 91.8714



60.9478, 52.6050, 82.6292



58.2069, 52.6050, 32.6832

Rectangle

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



40.4477, 52.6050, 37.7277



38.4703, 52.6050, 65.7683



60.9478, 52.6050, 82.6292



63.6287, 52.6050, 49.5516

Sweetspot

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



40.4491, 52.6072, 37.7289



84.8267, 95.0892, 92.1780



52.6779, 58.9114, 38.3009



17.7717, 20.1682, 19.1006



0.0000, 0.0000, 0.0000



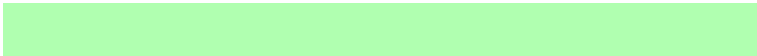
20.3446, 21.4041, 23.3091

Same Dimension

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



40.4491, 52.6072, 37.7289



61.4848, 83.8769, 53.9982



42.8679, 53.5748, 50.4662



11.0681, 12.5370, 11.9160



13.5908, 27.1816, 4.5303



0.7011, 1.4023, 0.2337

Inverse Universe

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



47.4263, 39.8445, 62.9510



74.8054, 59.5110, 102.1510



44.4929, 38.6712, 47.5038



11.6876, 11.4038, 14.1555



22.5333, 10.8239, 36.8568



1.1625, 0.5584, 1.9014

Previews

White Background



This preview shows how the XYZ color 40.4477, 52.6050, 37.7277 looks on a white background.

Color Contrast Check

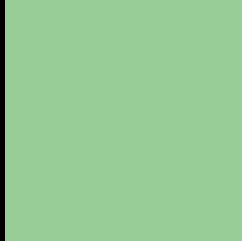
Large Text (above 18pt) WCAG AA × Fail

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 40.4477, 52.6050, 37.7277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

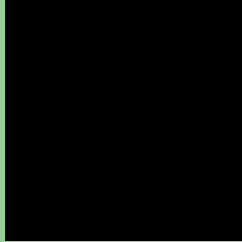
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4477, 52.6050, 37.7277

Background



This preview shows how black text looks on a background with the XYZ color 40.4477, 52.6050, 37.7277.



This preview shows how white text looks on a background with the XYZ color 40.4477, 52.6050,

37.7277.

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

40.4477, 52.6050, 37.7277

Protanopia

48.7209, 52.1743, 34.6969

Deuteranopia

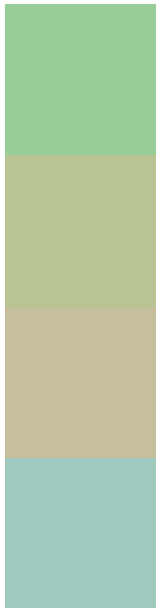
53.3505, 52.2449, 39.1707



Tritanopia

47.0808, 52.5231, 70.6073

Trichromacy



Original Color

40.4477, 52.6050, 37.7277

Protanomaly

45.0928, 51.9323, 35.6643

Deuteranomaly

47.7920, 51.9361, 38.5161

Tritanomaly

44.3563, 52.4411, 57.0745

Monochromacy



Original Color

40.4477, 52.6050, 37.7277

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.0905, 49.0108, 46.2186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4477, 52.6050, 37.7277 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(152, 205, 152)` looks like.

```
.text, #text, p{  
    color:rgb(152, 205, 152)  
}
```

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(152, 205, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 205, 152) }
```

Border

The CSS property to change the border of an element to XYZ 40.4477, 52.6050, 37.7277 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(152, 205, 152) }
```


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

```
.border{ border-color:rgb(152, 205, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 205, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 205, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 205, 152);  
box-shadow:4px 4px 4px 4px rgb(152, 205,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4477, 52.6050, 37.7277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 205, 152) }
```

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

```
.background{ background-color: rgb(152,  
205, 152) }
```

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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