

Converting Colors

XYZ(41.5555, 50.6749, 47.3726)

Have a look what the booklet for
XYZ(41.5555, 50.6749, 47.3726)
contains.

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Color

**XYZ(41.4472, 50.4732,
47.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	9CC6AD
RGB	156, 198, 173
RGB Percent	61%, 78%, 68%
CMY	0.3882, 0.2235, 0.3216
CMYK	0.21, 0.00, 0.13, 0.22
HSL	144°, 27%, 69%
HSV	144°, 21%, 78%
XYZ	41.4472, 50.4732, 47.0930
YIQ	182.5920, -17.0070, -16.6790

Conversions

Conversions Part 2

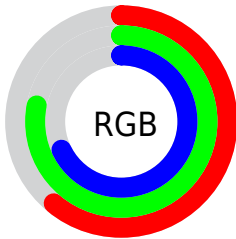
Format	Color
RYB	156, 186, 198
Decimal	10274477
CIELab	76.36, -18.94, 7.99
CIElCh	76, 20.555, 157.127
Yxy	50.4732, 0.2982, 0.3631
Android (android.graphics.Color)	4288464557 (0xFF9CC6AD)
YUV	182.5920, -4.7289, -23.3212
Hunter-Lab	71.0445, -20.1914, 10.4298

Details

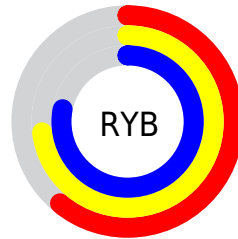
The XYZ color **41.4472, 50.4732, 47.0930** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.5194, 39.1201, 48.9754**, and the grayscale version is **44.8192, 47.1533, 51.3499**.

A 20% lighter version of the original color is **76.6276, 90.9703, 86.9191**, and **19.1334, 24.2701, 21.7653** is the 20% darker color. If you saturate the color by 10%, you get **36.8331, 48.2220, 41.1843**, and if you desaturate by 10%, it is **46.7893, 53.0909, 53.5632**.

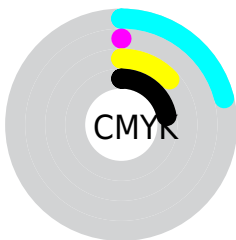
Distribution



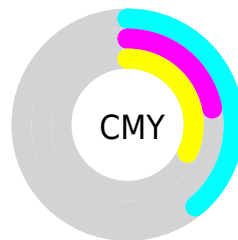
- Red (61%)
- Green (78%)
- Blue (68%)



- Red (61%)
- Yellow (73%)
- Blue (78%)



- Cyan (21%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)




- Cyan (39%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4472, 50.4732, 47.0930 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 41.4472, 50.4732, 47.0930 by changing the saturation by 10% instead.


 41.4472, 50.4732,
47.0930


 41.4472, 50.4732,
47.0930


343.2170,
388.5136, 391.5901

 28.8579, 35.7895,
32.7543


 76.6327, 90.8756,
87.2039

 19.1171, 24.2717,
21.6687


 99.9597, 117.3631,
113.8131

 11.8594, 15.5353,
13.4177

127.5965,
148.5540, 145.3496

 6.7195, 9.1959,
7.5827

159.9086,
184.8328, 182.2320

 3.3321, 4.8692,
3.7452

197.2614,
226.5837, 224.8786

 1.3317, 2.1707,
1.4866

240.0201,

 0.2068, 0.7040,

274.1912, 273.7082

0.2079

288.5502,
328.0397, 329.1392

■ 0.0000, 0.0000,
0.0000

■ 41.4472, 50.4732,
47.0930

■ 41.4472, 50.4732,
47.0930

■ 36.8331, 48.2220,
41.1843

■ 46.7893, 53.0909,
53.5632

■ 32.9100, 46.3142,
35.8186

■ 52.8860, 56.0843,
60.6060

■ 29.6439, 44.7342,
30.9814

■ 59.7674, 59.4700,
68.2363

■ 26.9961, 43.4622,
26.6562

■ 67.4608, 63.2619,
76.4676

■ 24.9236, 42.4764,
22.8256

■ 75.9911, 67.4725,
85.3128

■ 23.3775, 41.7520,
19.4710

■ 77.7217, 68.1647,
94.4259

■ 22.3001, 41.2596,
16.5727

■ 79.4850, 68.8701,
103.7117

■ 21.6482, 40.9713,
14.3839

Harmonies

Analogous

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



43.6264, 50.4732, 39.6754



41.4472, 50.4732, 47.0930



40.9711, 50.4732, 57.6397

Triad

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



41.4472, 50.4732, 47.0930



48.9012, 50.4732, 78.8940



54.1451, 50.4732, 43.0863

Complementary

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



41.4472, 50.4732, 47.0930



43.5194, 39.1201, 48.9754

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.



55.7310, 50.4732, 52.3583



41.4472, 50.4732, 47.0930



52.5997, 50.4732, 73.7306

Square

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



41.4472, 50.4732, 47.0930



45.1426, 50.4732, 76.9894



55.1507, 50.4732, 63.6505



50.9199, 50.4732, 37.5881

Rectangle

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



41.4472, 50.4732, 47.0930



41.6591, 50.4732, 65.2428



55.1507, 50.4732, 63.6505



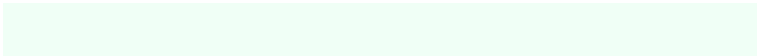
54.8953, 50.4732, 45.8129

Sweetspot

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



41.4486, 50.4753, 47.0941



88.2115, 96.6400, 101.1065



45.2996, 52.6387, 39.2259



18.7281, 20.6099, 21.4643



0.0000, 0.0000, 0.0000



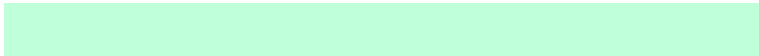
20.3446, 21.4041, 23.3091

Same Dimension

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



41.4486, 50.4753, 47.0941



69.8400, 87.6413, 78.9167



43.6212, 51.3444, 58.5349



10.6724, 11.9578, 12.2251



14.1177, 26.6594, 9.5643



0.7042, 1.2766, 0.6409

Inverse Universe

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



43.5194, 39.1201, 48.9754



74.0959, 64.2989, 82.7793



41.5413, 38.3289, 38.5590



10.8944, 10.7411, 12.4271



17.3097, 8.6735, 12.1069



0.8548, 0.4248, 0.7587

Previews

White Background



This preview shows how the XYZ color 41.4472, 50.4732, 47.0930 looks on a white background.

Color Contrast Check

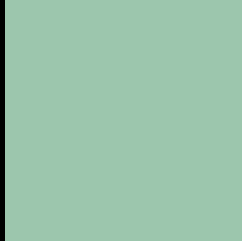
Large Text (above 18pt) WCAG AA × Fail

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 41.4472, 50.4732, 47.0930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

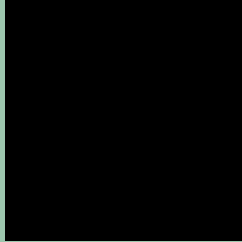
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4472, 50.4732, 47.0930

Background



This preview shows how black text looks on a background with the XYZ color 41.4472, 50.4732, 47.0930.



This preview shows how white text looks on a background with the XYZ color 41.4472, 50.4732,

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

41.4472, 50.4732, 47.0930

Protanopia

47.5103, 50.0664, 43.7189

Deuteranopia

50.9387, 49.8840, 48.0181



Tritanopia

45.5594, 50.4805, 67.0170

Trichromacy



Original Color

41.4472, 50.4732, 47.0930

Protanomaly

44.8483, 49.9499, 44.8137

Deuteranomaly

46.7434, 49.5829, 47.6643

Tritanomaly

43.8626, 50.4439, 59.0546

Monochromacy



Original Color

41.4472, 50.4732, 47.0930

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.3535, 48.1053, 49.6481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4472, 50.4732, 47.0930 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(156, 198, 173)` looks like.

```
.text, #text, p{  
    color:rgb(156, 198, 173)  
}
```

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(156, 198, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 198, 173) }
```

Border

The CSS property to change the border of an element to XYZ 41.4472, 50.4732, 47.0930 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(156, 198, 173) }
```


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

```
.border{ border-color:rgb(156, 198, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 198, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 198, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 198, 173);  
box-shadow:4px 4px 4px 4px rgb(156, 198,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4472, 50.4732, 47.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 198, 173) }
```

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

```
.background{ background-color: rgb(156,  
198, 173) }
```

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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