

Converting Colors

XYZ(47.2252, 60.5881, 53.4616)

Have a look what the booklet for
XYZ(47.2252, 60.5881, 53.4616)
contains.

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Color

**XYZ(47.2252, 60.5881,
53.4616)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9CDAB6 |
| RGB | 156, 218, 182 |
| RGB Percent | 61%, 85%, 71% |
| CMY | 0.3882, 0.1451, 0.2863 |
| CMYK | 0.28, 0.00, 0.17, 0.15 |
| HSL | 145°, 46%, 73% |
| HSV | 145°, 28%, 85% |
| XYZ | 47.2252, 60.5881, 53.4616 |
| YIQ | 195.3580, -25.3960, -24.3400 |

Conversions

Conversions Part 2

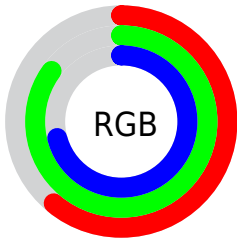
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 156, 200, 218 |
| Decimal | 10279606 |
| CIELab | 82.16, -27.07, 11.45 |
| CIElCh | 82, 29.395, 157.067 |
| Yxy | 60.5881, 0.2928, 0.3757 |
| Android (android.graphics.Color) | 4288469686 (0xFF9CDAB6) |
| YUV | 195.3580, -6.5855, -34.5170 |
| Hunter-Lab | 77.8384, -27.9196, 13.7648 |

Details

The XYZ color **47.2252, 60.5881, 53.4616** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.3184, 42.4896, 55.4210**, and the grayscale version is **52.1355, 54.8506, 59.7323**.

A 20% lighter version of the original color is **78.3440, 91.6901, 94.4577**, and **22.6532, 30.6629, 25.4935** is the 20% darker color. If you saturate the color by 10%, you get **42.1299, 58.1074, 46.7006**, and if you desaturate by 10%, it is **53.1992, 63.5114, 60.8837**.

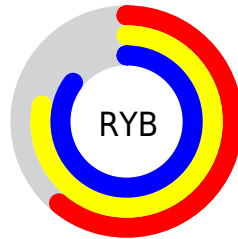
Distribution



Red (61%)

Green (85%)

Blue (71%)



Red (61%)

Yellow (78%)

Blue (85%)

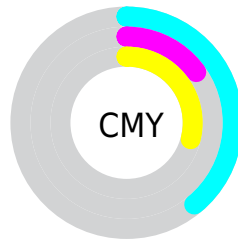


Cyan (28%)

Magenta (0%)

Yellow (17%)

Black (15%)



Cyan (39%)


Magenta (15%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2252, 60.5881, 53.4616 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 47.2252, 60.5881, 53.4616 by changing the saturation by 10% instead.


 47.2252, 60.5881,
53.4616


 47.2252, 60.5881,
53.4616

366.3466,
426.7621, 417.1700

 33.4224, 43.8928,
37.7811


 85.2664, 105.6823,
96.7317

 22.6110, 30.5863,
25.5124


 110.2355,
134.8500, 125.1584

 14.4257, 20.2840,
16.2367


139.6574,
168.9441, 158.6709

 8.5010, 12.6017,
9.5356

173.8975,
208.3487, 197.6878

 4.4716, 7.1548,
4.9906

213.3211,
253.4485, 242.6277

 1.9723, 3.5591,
2.1831

258.2936,

 0.6183, 1.4301,

304.6277, 293.9089

0.6646

309.1803,
362.2708, 351.9502

■ 0.0000, 0.2388,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.2252, 60.5881,
53.4616

■ 47.2252, 60.5881,
53.4616

■ 42.1299, 58.1074,
46.7006

■ 53.1992, 63.5114,
60.8837

■ 37.8646, 56.0397,
40.5782


■ 60.0875, 66.8904,
68.9805


■ 34.3836, 54.3633,
35.0768


■ 67.9295, 70.7467,
77.7700


■ 31.6343, 53.0516,
30.1760


■ 76.7611, 75.0984,
87.2686


 29.5571, 52.0743,
25.8546

 82.8391, 78.0157,
97.3152

 28.0825, 51.3959,
22.0895

 84.3625, 78.6250,
105.3375

 27.1082, 50.9642,
18.8553

 26.9789, 50.9076,
18.3964

Harmonies

Analogous

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



50.6512, 60.5881, 42.1668



47.2252, 60.5881, 53.4616



46.4779, 60.5881, 70.2902

Triad

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



47.2252, 60.5881, 53.4616



59.0765, 60.5881, 106.3026



67.7055, 60.5881, 47.3440

Complementary

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



47.2252, 60.5881, 53.4616



50.3184, 42.4896, 55.4210

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.



70.3391, 60.5881, 61.8308



47.2252, 60.5881, 53.4616



65.1291, 60.5881, 97.3766

Square

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



47.2252, 60.5881, 53.4616



53.0356, 60.5881, 102.9627



69.3638, 60.5881, 80.2918



62.3920, 60.5881, 39.1059

Rectangle

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



47.2252, 60.5881, 53.4616



47.5465, 60.5881, 82.8808



69.3638, 60.5881, 80.2918



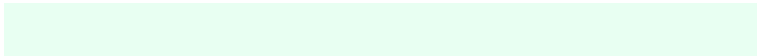
68.9504, 60.5881, 51.5320

Sweetspot

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



47.2269, 60.5906, 53.4630



85.0330, 95.0754, 97.6174



52.8547, 63.7741, 40.9772



17.8767, 20.1910, 20.5202



0.0000, 0.0000, 0.0000



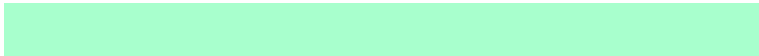
20.3446, 21.4041, 23.3091

Same Dimension

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



47.2269, 60.5906, 53.4630



62.9504, 84.2690, 70.4882



50.7728, 62.0090, 72.1356



13.1119, 14.6964, 15.0522



16.2135, 30.5180, 11.2896



1.0928, 1.9941, 0.9545

Inverse Universe

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



50.3184, 42.4896, 55.4210



68.0374, 54.4719, 73.7002



47.2514, 41.2628, 39.2704



13.3715, 13.1777, 15.2174



19.6558, 9.8634, 13.0995



1.3160, 0.6561, 1.0732

Previews

White Background



This preview shows how the XYZ color 47.2252, 60.5881, 53.4616 looks on a white background.

Color Contrast Check

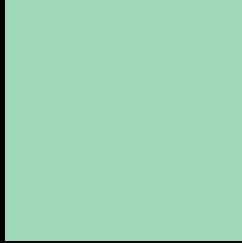
Large Text (above 18pt) WCAG AA × Fail

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 47.2252, 60.5881, 53.4616 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 47.2252, 60.5881, 53.4616

Background



This preview shows how black text looks on a background with the XYZ color 47.2252, 60.5881, 53.4616.



This preview shows how white text looks on a background with the XYZ color 47.2252, 60.5881,

53.4616.

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

47.2252, 60.5881, 53.4616

Protanopia

56.7275, 60.0640, 48.6481

Deuteranopia

61.3427, 59.8907, 55.3407



Tritanopia

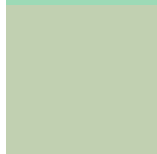
53.0641, 60.6877, 82.3159

Trichromacy



Original Color

47.2252, 60.5881, 53.4616



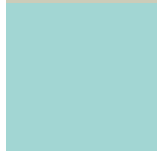
Protanomaly

52.4840, 59.6235, 50.3373



Deuteranomaly

54.9784, 59.3850, 54.4637



Tritanomaly

50.7047, 60.4777, 70.6290

Monochromacy



Original Color

47.2252, 60.5881, 53.4616



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

49.7063, 56.2533, 56.9534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2252, 60.5881, 53.4616 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, 218, 182)` looks like.

```
.text, #text, p{  
    color:rgb(156, 218, 182)  
}
```

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, 218, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 218, 182) }
```

Border

The CSS property to change the border of an element to XYZ 47.2252, 60.5881, 53.4616 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, 218, 182) }
```


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

```
.border{ border-color:rgb(156, 218, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 218, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 218, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 218, 182);  
box-shadow:4px 4px 4px 4px rgb(156, 218,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2252, 60.5881, 53.4616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 218, 182) }
```

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

```
.background{ background-color: rgb(156,  
218, 182) }
```

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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