

Converting Colors

XYZ(47.6505, 60.4355, 52.8698)

Have a look what the booklet for
XYZ(47.6505, 60.4355, 52.8698)
contains.

XYZ(47.6505, 60.4355, 52.8698)	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(47.6505, 60.4355,
52.8698)**

Conversions

Conversions Part 1

Format	Color
Hex	A0D9B5
RGB	160, 217, 181
RGB Percent	63%, 85%, 71%
CMY	0.3725, 0.1490, 0.2902
CMYK	0.26, 0.00, 0.17, 0.15
HSL	142°, 43%, 74%
HSV	142°, 26%, 85%
XYZ	47.6505, 60.4355, 52.8698
YIQ	195.8530, -22.4160, -23.2800

Conversions

Conversions Part 2

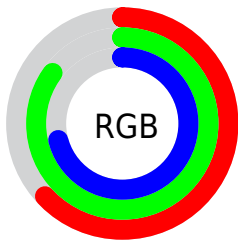
Format	Color
RYB	160, 202, 217
Decimal	10541493
CIELab	82.07, -25.53, 11.90
CIElCh	82, 28.166, 155.017
Yxy	60.4355, 0.2960, 0.3755
Android (android.graphics.Color)	4288731573 (0xFFA0D9B5)
YUV	195.8530, -7.3225, -31.4431
Hunter-Lab	77.7403, -26.6348, 14.0961

Details

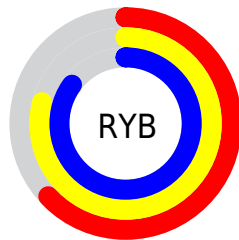
The XYZ color **47.6505, 60.4355, 52.8698** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **51.1519, 43.8802, 58.0007**, and the grayscale version is **52.4347, 55.1653, 60.0751**.

A 20% lighter version of the original color is **79.3650, 92.2334, 93.7406**, and **22.8800, 30.5250, 25.1081** is the 20% darker color. If you saturate the color by 10%, you get **42.3475, 57.8580, 45.6385**, and if you desaturate by 10%, it is **53.8523, 63.4638, 60.8680**.

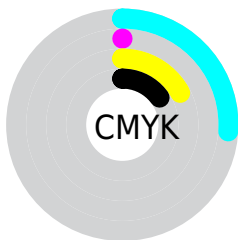
Distribution



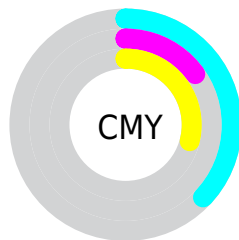
- Red (63%)
- Green (85%)
- Blue (71%)



- Red (63%)
- Yellow (79%)
- Blue (85%)



- Cyan (26%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)



- Cyan (37%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6505, 60.4355, 52.8698 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 47.6505, 60.4355, 52.8698 by changing the saturation by 10% instead.


 47.6505, 60.4355,
52.8698


 47.6505, 60.4355,
52.8698


368.0108,
426.2012, 414.8375

 33.7603, 43.7698,
37.3118


 85.8967, 105.4612,
95.8524

 22.8715, 30.4895,
25.1513


 110.9833,
134.5899, 124.1140

 14.6188, 20.2105,
15.9698


140.5328,
168.6417, 157.4473

 8.6369, 12.5481,
9.3487

174.9106,
208.0010, 196.2708

 4.5603, 7.1181,
4.8694

214.4819,
253.0522, 241.0031

 2.0237, 3.5361,
2.1134

259.6121,

 0.6472, 1.4176,

304.1797, 292.0626

0.6237

310.6666,
361.7679, 349.8679

■ 0.0000, 0.2296,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.6505, 60.4355,
52.8698

■ 47.6505, 60.4355,
52.8698

■ 42.3475, 57.8580,
45.6385

■ 53.8523, 63.4638,
60.8680

■ 37.8952, 55.7018,
39.1474


■ 60.9884, 66.9555,
69.6508


■ 34.2480, 53.9456,
33.3737


■ 69.0982, 70.9324,
79.2405


■ 31.3542, 52.5633,
28.2922


■ 78.2173, 75.4124,
89.6572


 29.1556, 51.5253,
23.8763

 83.2359, 77.7608,
100.6796

 27.5846, 50.7974,
20.0970

 84.1040, 78.1080,
105.2513

 26.5575, 50.3371,
16.9233

 26.2600, 50.2064,
15.8858

Harmonies

Analogous

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



51.1023, 60.4355, 42.3800



47.6505, 60.4355, 52.8698



46.7466, 60.4355, 68.7216

Triad

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



47.6505, 60.4355, 52.8698



58.4520, 60.4355, 104.2974



67.3681, 60.4355, 48.6811

Complementary

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



47.6505, 60.4355, 52.8698



51.1519, 43.8802, 58.0007

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.



69.6560, 60.4355, 62.9701



47.6505, 60.4355, 52.8698



64.2857, 60.4355, 96.5758

Square

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



47.6505, 60.4355, 52.8698



52.7279, 60.4355, 100.3372



68.4909, 60.4355, 80.6923



62.4293, 60.4355, 40.2714

Rectangle

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



47.6505, 60.4355, 52.8698



47.6530, 60.4355, 80.7123



68.4909, 60.4355, 80.6923



68.4877, 60.4355, 52.8547

Sweetspot

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



47.6521, 60.4380, 52.8712



85.9334, 95.5319, 98.0057



53.9511, 63.9158, 42.7517



18.0482, 20.2788, 20.5569



0.0000, 0.0000, 0.0000



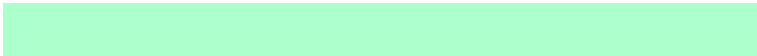
20.3446, 21.4041, 23.3091

Same Dimension

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



47.6521, 60.4380, 52.8712



63.9168, 84.7838, 69.7852



50.8702, 61.7252, 69.8173



13.0839, 14.6852, 14.9045



15.9424, 30.4096, 9.8623



1.0736, 1.9864, 0.8535

Inverse Universe

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



51.1519, 43.8802, 58.0007



69.8425, 56.7336, 78.4594



48.2185, 42.7068, 42.5534



13.4003, 13.1892, 15.3692



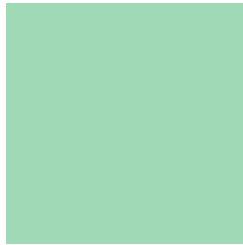
20.1105, 10.0452, 15.4936



1.3439, 0.6672, 1.2197

Previews

White Background



This preview shows how the XYZ color 47.6505, 60.4355, 52.8698 looks on a white background.

Color Contrast Check

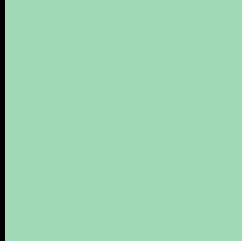
Large Text (above 18pt) WCAG AA × Fail

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 47.6505, 60.4355, 52.8698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

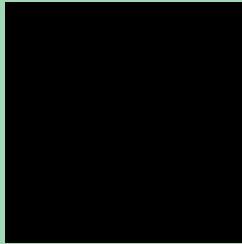
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.6505, 60.4355, 52.8698

Background



This preview shows how black text looks on a background with the XYZ color 47.6505, 60.4355, 52.8698.



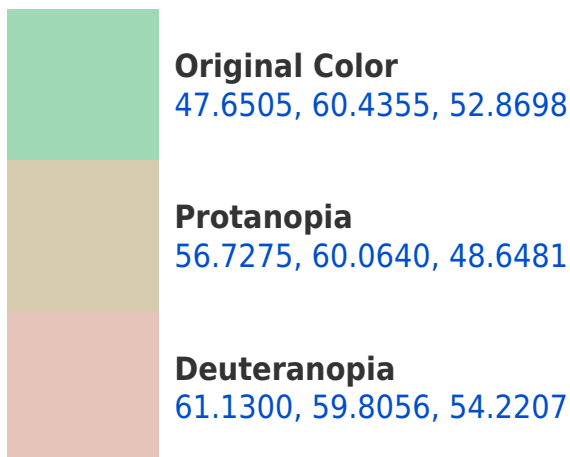
This preview shows how white text looks on a background with the XYZ color 47.6505, 60.4355,

52.8698.

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





Tritanopia

53.5216, 60.5696, 81.5433

Trichromacy



Original Color

47.6505, 60.4355, 52.8698

Protanomaly

52.7398, 59.7554, 50.3492

Deuteranomaly

55.4214, 59.6256, 53.9353

Tritanomaly

51.1530, 60.3486, 69.9252

Monochromacy



Original Color

47.6505, 60.4355, 52.8698

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

50.5253, 57.0146, 57.6322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6505, 60.4355, 52.8698 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(160, 217, 181)` looks like.

```
.text, #text, p{  
    color:rgb(160, 217, 181)  
}
```

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(160, 217, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 217, 181) }
```

Border

The CSS property to change the border of an element to XYZ 47.6505, 60.4355, 52.8698 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(160, 217, 181) }
```


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

```
.border{ border-color:rgb(160, 217, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 217, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 217, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 217, 181);  
box-shadow:4px 4px 4px 4px rgb(160, 217,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6505, 60.4355, 52.8698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 217, 181) }
```

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

```
.background{ background-color: rgb(160,  
217, 181) }
```

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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