

Converting Colors

XYZ(42.5660, 54.9175, 43.3134)

Have a look what the booklet for
XYZ(42.5660, 54.9175, 43.3134)
contains.

XYZ(42.6382, 55.0536, 43.5011)	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(42.6382, 55.0536,
43.5011)**

Conversions

Conversions Part 1

Format	Color
Hex	99D1A4
RGB	153, 209, 164
RGB Percent	60%, 82%, 64%
CMY	0.4000, 0.1804, 0.3569
CMYK	0.27, 0.00, 0.22, 0.18
HSL	132°, 38%, 71%
HSV	132°, 27%, 82%
XYZ	42.6382, 55.0536, 43.5011
YIQ	187.1260, -18.9310, -25.8670

Conversions

Conversions Part 2

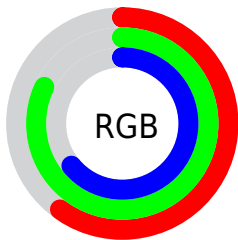
Format	Color
RYB	153, 200, 209
Decimal	10080676
CIELab	79.07, -27.04, 16.61
CIElCh	79, 31.734, 148.428
Yxy	55.0536, 0.3020, 0.3899
Android (android.graphics.Color)	4288270756 (0xFF99D1A4)
YUV	187.1260, -11.4011, -29.9285
Hunter-Lab	74.1981, -27.2711, 17.1780

Details

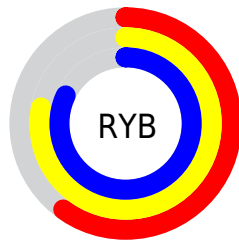
The XYZ color **42.6382, 55.0536, 43.5011** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.8807, 40.4163, 58.7060**, and the grayscale version is **47.3764, 49.8436, 54.2797**.

A 20% lighter version of the original color is **74.5586, 90.0444, 80.4685**, and **19.7358, 26.9904, 19.4987** is the 20% darker color. If you saturate the color by 10%, you get **37.6158, 52.6298, 35.8649**, and if you desaturate by 10%, it is **48.5549, 57.9183, 52.2271**.

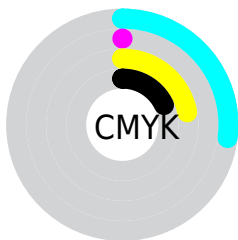
Distribution



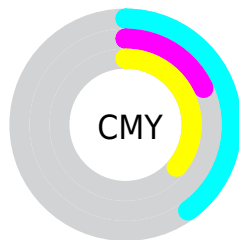
- Red (60%)
- Green (82%)
- Blue (64%)



- Red (60%)
- Yellow (78%)
- Blue (82%)



- Cyan (27%)
- Magenta (0%)
- Yellow (22%)
- Black (18%)



- Cyan (40%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6382, 55.0536, 43.5011 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 42.6382, 55.0536, 43.5011 by changing the saturation by 10% instead.

■ 42.6382, 55.0536,
43.5011

■ 42.6382, 55.0536,
43.5011

348.0685,
406.1151, 376.6501

■ 29.7946, 39.4446,
29.9442

■ 78.4237, 97.6195,
81.7609

■ 19.8301, 27.1058,
19.5445

■ 102.0964,
125.3452, 107.3009

■ 12.3791, 17.6527,
11.8836

130.1095,
157.8786, 137.6724

■ 7.0765, 10.7009,
6.5429

162.8283,
195.6041, 173.2938

■ 3.5567, 5.8661,
3.1038

200.6183,
238.9061, 214.5837

■ 1.4545, 2.7638,
1.1479

243.8448,

■ 0.2946, 1.0097,

288.1690, 261.9607

0.0000

292.8731,
343.7772, 315.8433

■ 0.0000, 0.0000,
0.0000

■ 42.6382, 55.0536,
43.5011

■ 42.6382, 55.0536,
43.5011

■ 37.6158, 52.6298,
35.8649

■ 48.5549, 57.9183,
52.2271

■ 33.4393, 50.6184,
29.2722

■ 55.4022, 61.2373,
62.0796

■ 30.0627, 48.9980,
23.6785

■ 63.2198, 65.0316,
73.0981

■ 27.4336, 47.7427,
19.0351

■ 72.0437, 69.3192,
85.3190

■ 25.4931, 46.8232,
15.2887

■ 80.9813, 73.6390,
98.7339

■ 24.1732, 46.2058,
12.3812

■ 82.0915, 74.0831,
104.5805

■ 23.3872, 45.8470,
10.2468

■ 23.2027, 45.7635,
9.7131

Harmonies

Analogous

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



46.7506, 55.0536, 34.2441



42.6382, 55.0536, 43.5011



41.0915, 55.0536, 58.9937

Triad

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



42.6382, 55.0536, 43.5011



51.9939, 55.0536, 101.9148



63.7618, 55.0536, 44.8511

Complementary

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



42.6382, 55.0536, 43.5011



47.8807, 40.4163, 58.7060

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.



65.4434, 55.0536, 60.9045



42.6382, 55.0536, 43.5011



58.3297, 55.0536, 96.0690

Square

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



42.6382, 55.0536, 43.5011



46.2166, 55.0536, 94.7666



63.3820, 55.0536, 80.0822



58.9531, 55.0536, 34.9060

Rectangle

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



42.6382, 55.0536, 43.5011



41.6204, 55.0536, 71.6363



63.3820, 55.0536, 80.0822



64.7278, 55.0536, 49.5987

Sweetspot

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



42.6397, 55.0559, 43.5023



85.4110, 95.3230, 95.2549



52.0349, 60.0092, 38.9780



17.9174, 20.2265, 19.8679



0.0000, 0.0000, 0.0000



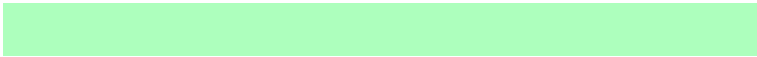
20.3446, 21.4041, 23.3091

Same Dimension

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



42.6397, 55.0559, 43.5023



62.3141, 84.1427, 61.3451



45.3724, 56.1490, 57.8927



11.7499, 13.2437, 13.0392



14.3334, 28.2263, 6.1359



0.8299, 1.5896, 0.4932

Inverse Universe

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



47.8807, 40.4163, 58.7060



71.8362, 57.5311, 88.9578



45.0127, 39.2691, 43.6034



12.2071, 11.9676, 14.3664



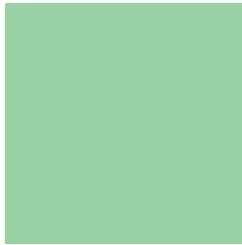
20.6026, 10.1139, 23.8772



1.1780, 0.5759, 1.4722

Previews

White Background



This preview shows how the XYZ color 42.6382, 55.0536, 43.5011 looks on a white background.

Color Contrast Check

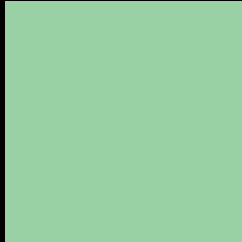
Large Text (above 18pt) WCAG AA × Fail

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 42.6382, 55.0536, 43.5011 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

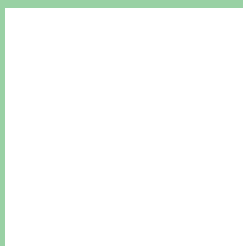
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.6382, 55.0536, 43.5011

Background



This preview shows how black text looks on a background with the XYZ color 42.6382, 55.0536, 43.5011.

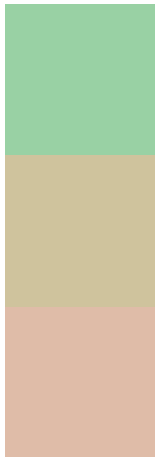


This preview shows how white text looks on a background with the XYZ color 42.6382, 55.0536,

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

42.6382, 55.0536, 43.5011

Protanopia

51.3330, 54.7299, 39.7567

Deuteranopia

55.4825, 54.4816, 44.6375



Tritanopia

48.8797, 55.0895, 74.3868

Trichromacy



Original Color

42.6382, 55.0536, 43.5011

Protanomaly

47.4930, 54.4114, 41.2570

Deuteranomaly

50.0037, 54.2756, 44.4000

Tritanomaly

46.3224, 55.1108, 61.6221

Monochromacy



Original Color

42.6382, 55.0536, 43.5011

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.3310, 51.3988, 50.1796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6382, 55.0536, 43.5011 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(153, 209, 164)` looks like.

```
.text, #text, p{  
    color:rgb(153, 209, 164)  
}
```

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(153, 209, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 209, 164) }
```

Border

The CSS property to change the border of an element to XYZ 42.6382, 55.0536, 43.5011 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(153, 209, 164) }
```


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

```
.border{ border-color:rgb(153, 209, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 209, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 209, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 209, 164);  
box-shadow:4px 4px 4px 4px rgb(153, 209,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6382, 55.0536, 43.5011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 209, 164) }
```

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

```
.background{ background-color: rgb(153,  
209, 164) }
```

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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