

Converting Colors

XYZ(55.0906, 65.9169, 48.4086)

Have a look what the booklet for
XYZ(55.0906, 65.9169, 48.4086)
contains.

XYZ(55.1995, 65.9906, 48.3562)	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(55.1995, 65.9906,
48.3562)**

Conversions

Conversions Part 1

Format	Color
Hex	C1DDAB
RGB	193, 221, 171
RGB Percent	76%, 87%, 67%
CMY	0.2431, 0.1333, 0.3294
CMYK	0.13, 0.00, 0.23, 0.13
HSL	94°, 42%, 77%
HSV	94°, 23%, 87%
XYZ	55.1995, 65.9906, 48.3562
YIQ	206.9280, -0.6380, -21.4860

Conversions

Conversions Part 2

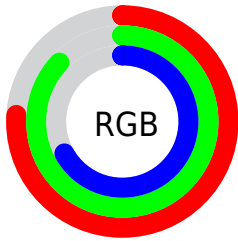
Format	Color
RYB	171, 221, 199
Decimal	12705195
CIELab	84.99, -18.15, 21.53
CIELCh	85, 28.161, 130.126
Yxy	65.9906, 0.3256, 0.3892
Android (android.graphics.Color)	4290895275 (0xFFC1DDAB)
YUV	206.9280, -17.7125, -12.2149
Hunter-Lab	81.2346, -20.8685, 21.5709

Details

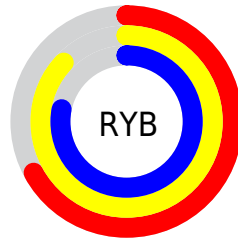
The XYZ color **55.1995, 65.9906, 48.3562** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **51.1698, 46.4902, 74.6866**, and the grayscale version is **59.3741, 62.4662, 68.0257**.

A 20% lighter version of the original color is **89.0495, 97.3900, 86.7778**, and **27.6135, 34.0933, 22.5780** is the 20% darker color. If you saturate the color by 10%, you get **50.2427, 63.6606, 38.0322**, and if you desaturate by 10%, it is **60.7762, 68.6033, 60.5505**.

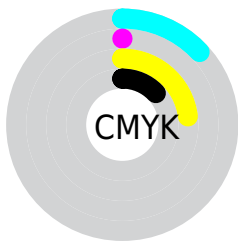
Distribution



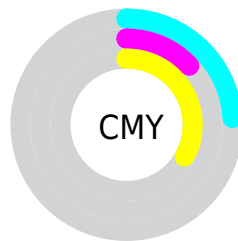
- Red (76%)
- Green (87%)
- Blue (67%)



- Red (67%)
- Yellow (87%)
- Blue (78%)



- Cyan (13%)
- Magenta (0%)
- Yellow (23%)
- Black (13%)





- Cyan (24%)
- Magenta (13%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1995, 65.9906, 48.3562 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 55.1995, 65.9906, 48.3562 by changing the saturation by 10% instead.


 55.1995, 65.9906,
48.3562

 55.1995, 65.9906,
48.3562


396.7918,
446.3433, 396.7516

 39.7959, 48.2648,
33.7471


 96.9798, 113.4728,
89.1056

 27.5630, 34.0366,
22.4236

124.0873,
143.9980, 116.0829

 18.1353, 22.9217,
13.9672


155.8268,
179.5585, 148.0200

 11.1474, 14.5357,
7.9593

192.5636,
220.5386, 185.3355

 6.2341, 8.4942,
3.9815

234.6632,
267.3227, 228.4478

 3.0300, 4.4128,
1.6152

282.4909,

 1.1696, 1.9070,

320.2953, 277.7756

0.3016

336.4119,
379.8407, 333.7374

0.0822, 0.5526,
0.0000

0.0000, 0.0000,
0.0000

55.1995, 65.9906,
48.3562

55.1995, 65.9906,
48.3562

50.2427, 63.6606,
38.0322

60.7762, 68.6033,
60.5505

45.8766, 61.5946,
29.4817

66.9900, 71.5000,
74.6969

42.0772, 59.7842,
22.6058

73.8639, 74.6927,
90.8774

38.8168, 58.2176,
17.2941

80.7010, 77.9031,
105.3911

■ 36.0645, 56.8816,
13.4230

■ 85.1063, 80.1741,
105.5973

■ 33.7859, 55.7615,
10.8500

■ 85.1478, 80.1955,
105.5993

■ 31.9403, 54.8401,
9.4038

■ 30.8124, 54.2697,
8.8511

Harmonies

Analogous

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



60.6062, 65.9906, 42.7071



55.1995, 65.9906, 48.3562



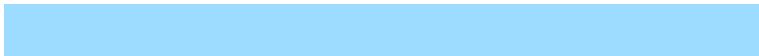
51.9565, 65.9906, 60.6405

Triad

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



55.1995, 65.9906, 48.3562



58.6742, 65.9906, 109.8784



75.4849, 65.9906, 65.8959

Complementary

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



55.1995, 65.9906, 48.3562



51.1698, 46.4902, 74.6866

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.



74.8807, 65.9906, 84.3678



55.1995, 65.9906, 48.3562



64.8867, 65.9906, 111.9262

Square

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



55.1995, 65.9906, 48.3562



53.8671, 65.9906, 96.7436



70.8988, 65.9906, 101.9420



72.4980, 65.9906, 51.6452

Rectangle

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



55.1995, 65.9906, 48.3562



51.3196, 65.9906, 71.9291



70.8988, 65.9906, 101.9420



75.6995, 65.9906, 71.7760

Sweetspot

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



55.2012, 65.9935, 48.3576



88.7253, 97.0563, 94.2931



57.4805, 58.9320, 46.8745



18.8787, 20.7217, 19.9269



0.0000, 0.0000, 0.0000



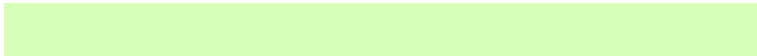
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2012, 65.9935, 48.3576



73.0883, 89.7378, 60.0070



50.2443, 63.4103, 49.3816



13.4274, 14.8851, 13.8910



18.0239, 31.5891, 5.1474



1.2655, 2.0970, 0.3381

Inverse Universe

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



51.1698, 46.4902, 74.6866



66.6012, 58.3619, 102.3624



57.1046, 49.5879, 73.2382



13.0328, 12.9750, 16.4697



12.5232, 5.5801, 40.1554



0.9097, 0.4122, 2.6061

Previews

White Background



This preview shows how the XYZ color 55.1995, 65.9906, 48.3562 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 55.1995, 65.9906, 48.3562 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

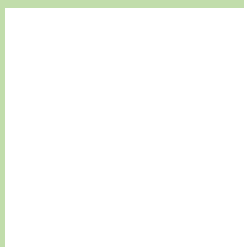
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1995, 65.9906, 48.3562

Background



This preview shows how black text looks on a background with the XYZ color 55.1995, 65.9906, 48.3562.

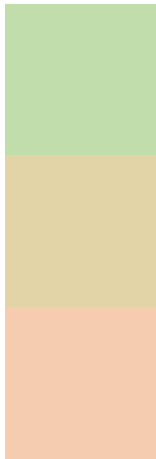


This preview shows how white text looks on a background with the XYZ color 55.1995, 65.9906,

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

55.1995, 65.9906, 48.3562

Protanopia

61.8826, 66.0457, 46.0458

Deuteranopia

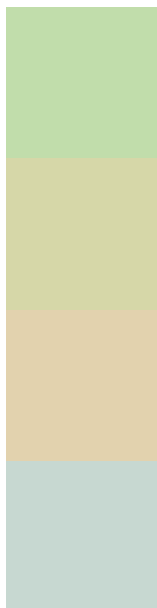
66.9869, 65.6934, 49.7069



Tritanopia

62.4343, 65.8582, 84.2842

Trichromacy



Original Color

55.1995, 65.9906, 48.3562

Protanomaly

59.0999, 65.7242, 46.6169

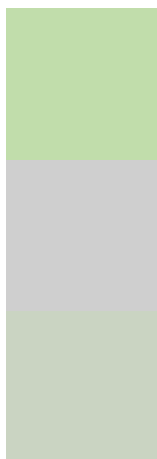
Deuteranomaly

62.0506, 65.3179, 49.3816

Tritanomaly

59.6177, 65.8573, 69.8911

Monochromacy



Original Color

55.1995, 65.9906, 48.3562

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.6382, 63.5386, 60.2652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1995, 65.9906, 48.3562 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(193, 221, 171)` looks like.

```
.text, #text, p{  
    color:rgb(193, 221, 171)  
}
```

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(193, 221, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 221, 171) }
```

Border

The CSS property to change the border of an element to XYZ 55.1995, 65.9906, 48.3562 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(193, 221, 171) }
```


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

```
.border{ border-color:rgb(193, 221, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 221, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 221, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 221, 171);  
box-shadow:4px 4px 4px 4px rgb(193, 221,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1995, 65.9906, 48.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 221, 171) }
```

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

```
.background{ background-color: rgb(193,  
221, 171) }
```

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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