

Converting Colors

XYZ(55.2099, 66.8805, 62.2239)

Have a look what the booklet for
XYZ(55.2099, 66.8805, 62.2239)
contains.

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Color

**XYZ(55.2099, 66.8805,
62.2239)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E0C4
RGB	179, 224, 196
RGB Percent	70%, 88%, 77%
CMY	0.2980, 0.1216, 0.2314
CMYK	0.20, 0.00, 0.13, 0.12
HSL	143°, 42%, 79%
HSV	143°, 20%, 88%
XYZ	55.2099, 66.8805, 62.2239
YIQ	207.3530, -17.8320, -18.2480

Conversions

Conversions Part 2

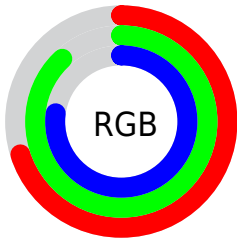
Format	Color
RYB	179, 212, 224
Decimal	11788484
CIELab	85.44, -20.07, 8.93
CIELCh	85, 21.969, 156.008
Yxy	66.8805, 0.2995, 0.3629
Android (android.graphics.Color)	4289978564 (0xFFB3E0C4)
YUV	207.3530, -5.5970, -24.8656
Hunter-Lab	81.7805, -22.6108, 12.1347

Details

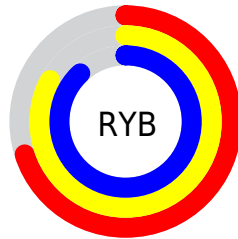
The XYZ color **55.2099, 66.8805, 62.2239** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58.1254, 52.5942, 66.1227**, and the grayscale version is **59.5805, 62.6833, 68.2622**.

A 20% lighter version of the original color is **87.7506, 96.2740, 106.8863**, and **27.6746, 34.7645, 30.8428** is the 20% darker color. If you saturate the color by 10%, you get **48.9339, 63.8219, 54.0299**, and if you desaturate by 10%, it is **62.4780, 70.4373, 71.2367**.

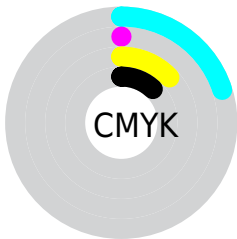
Distribution



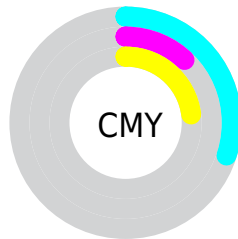
- Red (70%)
- Green (88%)
- Blue (77%)



- Red (70%)
- Yellow (83%)
- Blue (88%)



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)



- Cyan (30%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2099, 66.8805, 62.2239 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 55.2099, 66.8805, 62.2239 by changing the saturation by 10% instead.

■ 55.2099, 66.8805,
62.2239

■ 55.2099, 66.8805,
62.2239

396.8306,
449.5193, 450.7775

■ 39.8043, 48.9875,
44.7767

■ 96.9950, 114.7492,
109.6238

■ 27.5695, 34.6096,
30.9399

124.1051,
145.4936, 140.4136

■ 18.1402, 23.3623,
20.2950

155.8475,
181.2907, 176.4879

■ 11.1510, 14.8612,
12.4235

192.5875,
222.5248, 218.2654

■ 6.2365, 8.7221,
6.9067

234.6905,
269.5803, 266.1646

■ 3.0315, 4.5603,
3.3263

282.5217,

■ 1.1704, 1.9917,

322.8417, 320.6039

1.2636

336.4466,
382.6932, 382.0021

■ 0.0828, 0.6026,
0.0316

■ 0.0000, 0.0000,
0.0000

■ 55.2099, 66.8805,
62.2239

■ 55.2099, 66.8805,
62.2239

■ 48.9339, 63.8219,
54.0299

■ 62.4780, 70.4373,
71.2367

■ 43.6000, 61.2304,
46.6273

■ 70.7744, 74.5048,
81.0857

■ 39.1618, 59.0847,
39.9935

■ 80.1401, 79.1057,
91.7937

■ 35.5671, 57.3582,
34.1032

■ 85.4290, 81.5866,
103.1384

■ 32.7574, 56.0214,
28.9299

■ 85.9469, 81.7938,
105.8656

■ 30.6668, 55.0407,
24.4450

■ 29.2172, 54.3766,
20.6181

■ 28.2814, 53.9636,
17.4404

Harmonies

Analogous

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



58.0997, 66.8805, 52.8028



55.2099, 66.8805, 62.2239



54.5072, 66.8805, 75.7314

Triad

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



55.2099, 66.8805, 62.2239



64.5760, 66.8805, 103.6625



71.6380, 66.8805, 57.8512

Complementary

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



55.2099, 66.8805, 62.2239



58.1254, 52.5942, 66.1227

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.



73.5809, 66.8805, 69.9871



55.2099, 66.8805, 62.2239



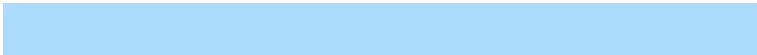
69.3688, 66.8805, 97.3512

Square

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



55.2099, 66.8805, 62.2239



59.7510, 66.8805, 100.8783



72.7295, 66.8805, 84.5588



67.5440, 66.8805, 50.5185

Rectangle

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



55.2099, 66.8805, 62.2239



55.3397, 66.8805, 85.5289



72.7295, 66.8805, 84.5588



72.5738, 66.8805, 61.4395

Sweetspot

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



55.2117, 66.8833, 62.2254



88.1482, 96.6147, 100.7732



60.6668, 69.9066, 52.9447



18.7132, 20.6040, 21.3856



0.0000, 0.0000, 0.0000



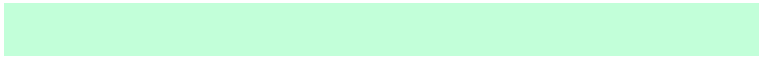
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2117, 66.8833, 62.2254



70.4706, 87.9684, 78.8554



57.9032, 67.9599, 76.3983



13.7419, 15.4225, 15.6761



16.5127, 31.4299, 10.4228



1.1871, 2.1956, 0.9465

Inverse Universe

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



58.1254, 52.5942, 66.1227



75.0360, 65.5741, 84.9580



55.6196, 51.5919, 52.9270



14.0640, 13.8432, 16.1074



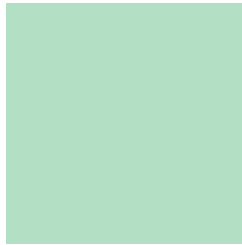
20.6797, 10.3389, 15.5108



1.4765, 0.7339, 1.3021

Previews

White Background



This preview shows how the XYZ color 55.2099, 66.8805, 62.2239 looks on a white background.

Color Contrast Check

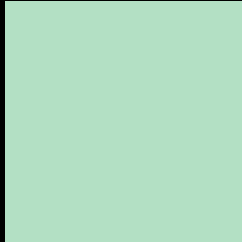
Large Text (above 18pt) WCAG AA × Fail

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 55.2099, 66.8805, 62.2239 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

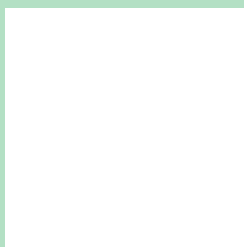
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2099, 66.8805, 62.2239

Background



This preview shows how black text looks on a background with the XYZ color 55.2099, 66.8805, 62.2239.



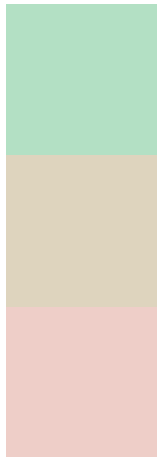
This preview shows how white text looks on a background with the XYZ color 55.2099, 66.8805,

62.2239.

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

55.2099, 66.8805, 62.2239

Protanopia

62.9619, 66.3343, 58.2005

Deuteranopia

67.7565, 66.4899, 63.9063



Tritanopia

60.4614, 66.6380, 89.0327

Trichromacy



Original Color

55.2099, 66.8805, 62.2239

Protanomaly

59.5239, 66.0393, 59.4788

Deuteranomaly

62.7183, 66.4637, 63.5560

Tritanomaly

58.1728, 66.4741, 78.1714

Monochromacy



Original Color

55.2099, 66.8805, 62.2239

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.5997, 63.7706, 65.7730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2099, 66.8805, 62.2239 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(179, 224, 196)` looks like.

```
.text, #text, p{  
    color:rgb(179, 224, 196)  
}
```

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(179, 224, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 224, 196) }
```

Border

The CSS property to change the border of an element to XYZ 55.2099, 66.8805, 62.2239 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(179, 224, 196) }
```


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

```
.border{ border-color:rgb(179, 224, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 224, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 224, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 224, 196); box-shadow:4px 4px 4px 4px rgb(179, 224, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2099, 66.8805, 62.2239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 224, 196) }
```

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

```
.background{ background-color: rgb(179,  
224, 196) }
```

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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