

Converting Colors

XYZ(41.4059, 55.3271, 20.0548)

Have a look what the booklet for
XYZ(41.4059, 55.3271, 20.0548)
contains.

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Color

**XYZ(41.3996, 55.2999,
20.0472)**

Conversions

Conversions Part 1

Format	Color
Hex	A8D262
RGB	168, 210, 98
RGB Percent	66%, 82%, 38%
CMY	0.3412, 0.1765, 0.6157
CMYK	0.20, 0.00, 0.53, 0.18
HSL	83°, 55%, 60%
HSV	83°, 53%, 82%
XYZ	41.3996, 55.2999, 20.0472
YIQ	184.6740, 10.9200, -43.7360

Conversions

Conversions Part 2

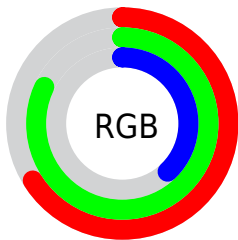
Format	Color
RYB	98, 210, 140
Decimal	11063906
CIELab	79.21, -31.39, 50.38
CIELCh	79, 59.361, 121.924
Yxy	55.2999, 0.3546, 0.4737
Android (android.graphics.Color)	4289253986 (0xFFA8D262)
YUV	184.6740, -42.7303, -14.6231
Hunter-Lab	74.3639, -30.7630, 36.0712

Details

The XYZ color **41.3996, 55.2999, 20.0472** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **26.8181, 18.9655, 63.2233**, and the grayscale version is **46.1598, 48.5637, 52.8858**.

A 20% lighter version of the original color is **72.3973, 89.7619, 42.7882**, and **19.0051, 27.1429, 6.7200** is the 20% darker color. If you saturate the color by 10%, you get **38.9094, 54.1178, 15.4167**, and if you desaturate by 10%, it is **44.2542, 56.6433, 26.0547**.

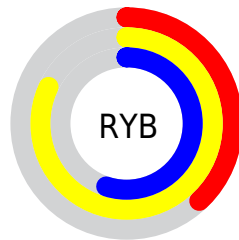
Distribution



Red (66%)

Green (82%)

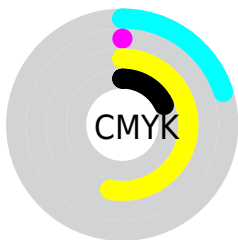
Blue (38%)



Red (38%)

Yellow (82%)

Blue (55%)

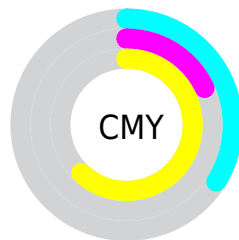


Cyan (20%)

Magenta (0%)

Yellow (53%)

Black (18%)



Cyan (34%)

Magenta (18%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3996, 55.2999, 20.0472 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 41.3996, 55.2999, 20.0472 by changing the saturation by 10% instead.

■ 41.3996, 55.2999,
20.0472

■ 41.3996, 55.2999,
20.0472

343.0221,
407.0477, 264.7832

■ 28.8205, 39.6419,
12.2449

■ 76.5610, 97.9802,
44.3563

■ 19.0887, 27.2594,
6.7862

■ 99.8740, 125.7713,
61.7003

■ 11.8388, 17.7682,
3.2523

■ 127.4958,
158.3755, 83.0618

■ 6.7054, 10.7837,
1.2249

■ 159.7915,
196.1773, 108.8596

■ 3.3232, 5.9216,
0.0000

197.1267,
239.5610, 139.5121

■ 1.3269, 2.7974,
0.0000

239.8666,

■ 0.2032, 1.0269,

288.9111, 175.4378

0.0000

288.3766,
344.6119, 217.0553

■ 0.0000, 0.0000,
0.0000

■ 41.3996, 55.2999,
20.0472

■ 41.3996, 55.2999,
20.0472

■ 38.9094, 54.1178,
15.4167

■ 44.2542, 56.6433,
26.0547

■ 36.7569, 53.0805,
12.0499

■ 47.4895, 58.1489,
33.5334

■ 34.9178, 52.1798,
9.8216

■ 51.1253, 59.8270,
42.5735

■ 33.3611, 51.4032,
8.5790

■ 55.1790, 61.6844,
53.2567

■ 32.4458, 50.9405,
8.1224

■ 59.6664, 63.7279,
65.6593

■ 64.6028, 65.9637,
79.8526

■ 70.0024, 68.3976,
95.9040

■ 74.0555, 70.3060,
104.2750

■ 76.6554, 71.6462,
104.3967

Harmonies

Analogous

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



51.7990, 55.2999, 15.6812



41.3996, 55.2999, 20.0472



34.8965, 55.2999, 34.4053

Triad

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



41.3996, 55.2999, 20.0472



42.5408, 55.2999, 138.1865



78.8092, 55.2999, 58.0462

Complementary

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



41.3996, 55.2999, 20.0472



26.8181, 18.9655, 63.2233

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.



75.3616, 55.2999, 96.4828



41.3996, 55.2999, 20.0472



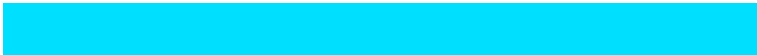
53.3302, 55.2999, 151.9282

Square

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



41.3996, 55.2999, 20.0472



35.4823, 55.2999, 101.7769



65.5670, 55.2999, 134.4068



74.3923, 55.2999, 31.8561

Rectangle

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



41.3996, 55.2999, 20.0472



33.0592, 55.2999, 51.4937



65.5670, 55.2999, 134.4068



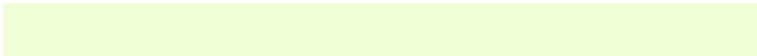
78.5300, 55.2999, 69.8631

Sweetspot

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



41.4009, 55.3023, 20.0484



83.7560, 94.8578, 77.6473



38.0273, 33.0699, 15.9349



17.6438, 20.1737, 15.8684



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.



41.4009, 55.3023, 20.0484



59.8781, 83.7312, 23.0853



32.0545, 50.4841, 19.6110



12.3559, 13.5669, 12.5795



19.9050, 31.1304, 4.9597



1.1993, 1.7851, 0.2814

Inverse Universe

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



26.8181, 18.9655, 63.2233



34.9980, 21.6127, 96.9348



38.5256, 25.0009, 63.7712



11.5766, 11.6306, 14.8784



9.1534, 3.8991, 37.4626



0.5987, 0.2628, 2.0987

Previews

White Background



This preview shows how the XYZ color 41.3996, 55.2999, 20.0472 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 41.3996, 55.2999, 20.0472 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 41.3996, 55.2999, 20.0472

Background



This preview shows how black text looks on a background with the XYZ color 41.3996, 55.2999, 20.0472.



This preview shows how white text looks on a background with the XYZ color 41.3996, 55.2999,

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

41.3996, 55.2999, 20.0472

Protanopia

50.3310, 55.0219, 18.3235

Deuteranopia

55.9928, 54.6426, 20.6926



Tritanopia

51.7328, 55.2595, 70.8903

Trichromacy



Original Color

41.3996, 55.2999, 20.0472

Protanomaly

46.5054, 54.7416, 18.9416

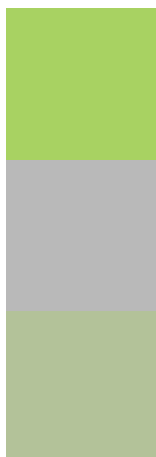
Deuteranomaly

49.6449, 54.2857, 20.4320

Tritanomaly

46.8313, 54.6463, 46.6076

Monochromacy



Original Color

41.3996, 55.2999, 20.0472

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

43.6320, 50.4672, 37.5785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3996, 55.2999, 20.0472 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(168, 210, 98)` looks like.

```
.text, #text, p{  
    color:rgb(168, 210, 98)  
}
```

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(168, 210, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 210, 98) }
```

Border

The CSS property to change the border of an element to XYZ 41.3996, 55.2999, 20.0472 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(168, 210, 98) }
```


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

```
.border{ border-color:rgb(168, 210, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 210, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 210, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 210, 98);  
box-shadow:4px 4px 4px 4px rgb(168, 210,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3996, 55.2999, 20.0472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 210, 98) }
```

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

```
.background{ background-color: rgb(168,  
210, 98) }
```

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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