

Converting Colors

XYZ(39.6595, 52.5472, 22.1010)

Have a look what the booklet for
XYZ(39.6595, 52.5472, 22.1010)
contains.

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Color

**XYZ(39.6424, 52.5319,
22.2377)**

Conversions

Conversions Part 1

Format	Color
Hex	A3CD6C
RGB	163, 205, 108
RGB Percent	64%, 80%, 42%
CMY	0.3608, 0.1961, 0.5765
CMYK	0.20, 0.00, 0.47, 0.20
HSL	86°, 49%, 61%
HSV	86°, 47%, 80%
XYZ	39.6424, 52.5319, 22.2377
YIQ	181.3840, 6.1050, -39.0710

Conversions

Conversions Part 2

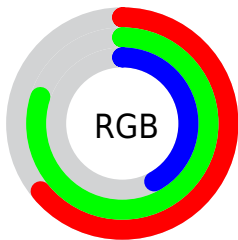
Format	Color
RYB	108, 205, 150
Decimal	10734956
CIELab	77.60, -29.86, 43.60
CIELCh	78, 52.843, 124.413
Yxy	52.5319, 0.3465, 0.4591
Android (android.graphics.Color)	4288925036 (0xFFA3CD6C)
YUV	181.3840, -36.1783, -16.1228
Hunter-Lab	72.4789, -29.2073, 32.5441

Details

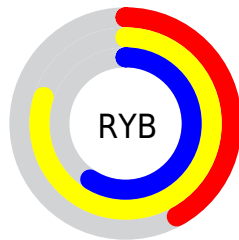
The XYZ color **39.6424, 52.5319, 22.2377** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **28.9619, 21.6184, 60.4069**, and the grayscale version is **44.3177, 46.6257, 50.7754**.

A 20% lighter version of the original color is **71.4064, 89.1533, 47.1630**, and **18.1118, 25.6798, 7.8730** is the 20% darker color. If you saturate the color by 10%, you get **36.9232, 51.2433, 17.0697**, and if you desaturate by 10%, it is **42.7483, 53.9935, 28.7649**.

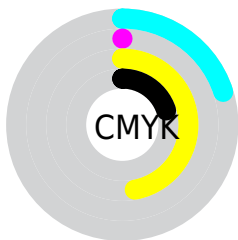
Distribution



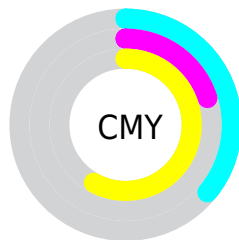
- Red (64%)
- Green (80%)
- Blue (42%)



- Red (42%)
- Yellow (80%)
- Blue (59%)



- Cyan (20%)
- Magenta (0%)
- Yellow (47%)
- Black (20%)



- Cyan (36%)
- Magenta (20%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6424, 52.5319, 22.2377 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 39.6424, 52.5319, 22.2377 by changing the saturation by 10% instead.

■ 39.6424, 52.5319,
22.2377

■ 39.6424, 52.5319,
22.2377

335.7744,
396.4866, 276.7790

■ 27.4428, 37.4292,
13.8317

■ 73.9065, 93.9152,
48.0458

■ 18.0444, 25.5400,
7.8663

■ 96.7017, 120.9646,
66.2849

■ 11.0817, 16.4798,
3.9230

■ 123.7594,
152.7651, 88.6388

■ 6.1895, 9.8643,
1.5832

■ 155.4451,
189.7009, 115.5260

■ 3.0024, 5.3091,
0.2788

192.1241,
232.1566, 147.3651

■ 1.1550, 2.4297,
0.0000

234.1617,

■ 0.0704, 0.8411,

280.5166, 184.5746

0.0000

281.9234,
335.1651, 227.5731

■ 0.0000, 0.0000,
0.0000

■ 39.6424, 52.5319,
22.2377

■ 39.6424, 52.5319,
22.2377

■ 36.9232, 51.2433,
17.0697

■ 42.7483, 53.9935,
28.7649

■ 34.5660, 50.1122,
13.1613

■ 46.2562, 55.6291,
36.7349

■ 32.5488, 49.1313,
10.4047


■ 50.1847, 57.4483,
46.2284


■ 30.8447, 48.2893,
8.6724


■ 54.5504, 59.4579,
57.3193


■ 29.4175, 47.5716,
7.7897


■ 59.3686, 61.6644,
70.0766

 29.0658, 47.3938,
7.6160

 64.6540, 64.0739,
84.5654

 70.4203, 66.6921,
100.8470

 73.8201, 68.3804,
103.9157

 76.8085, 69.9210,
104.0556

Harmonies

Analogous

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



48.4356, 52.5319, 17.4753



39.6424, 52.5319, 22.2377



34.2425, 52.5319, 36.2010

Triad

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



39.6424, 52.5319, 22.2377



41.9268, 52.5319, 124.3185



72.1575, 52.5319, 52.9831

Complementary

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



39.6424, 52.5319, 22.2377



28.9619, 21.6184, 60.4069

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.



69.7985, 52.5319, 85.0596



39.6424, 52.5319, 22.2377



51.4548, 52.5319, 133.5026

Square

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



39.6424, 52.5319, 22.2377



35.4299, 52.5319, 95.1932



61.8592, 52.5319, 117.2047



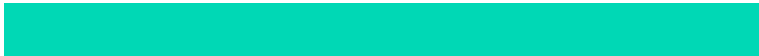
67.9282, 52.5319, 30.9569

Rectangle

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



39.6424, 52.5319, 22.2377



32.8383, 52.5319, 51.9001



61.8592, 52.5319, 117.2047



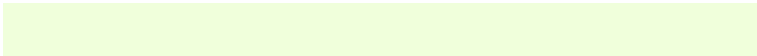
72.1127, 52.5319, 62.8453

Sweetspot

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



39.6437, 52.5342, 22.2388



84.3652, 95.0953, 81.1338



38.5410, 35.3745, 18.9848



17.7333, 20.2047, 16.5533



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.



39.6437, 52.5342, 22.2388



60.3088, 83.8524, 27.6587



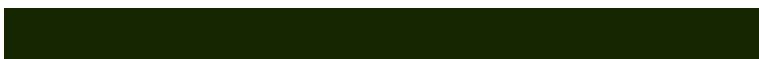
31.7533, 48.4666, 21.8696



11.6665, 12.8455, 11.9440



18.2044, 29.5600, 4.7462



1.0251, 1.5693, 0.2489

Inverse Universe

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



28.9619, 21.6184, 60.4069



40.7314, 27.1341, 97.6984



39.3882, 26.9934, 60.8948



11.0548, 11.0776, 14.1259



9.5157, 4.1131, 36.2486



0.5773, 0.2567, 1.8741

Previews

White Background



This preview shows how the XYZ color 39.6424, 52.5319, 22.2377 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 39.6424, 52.5319, 22.2377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

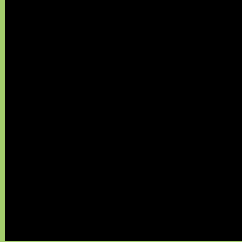
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6424, 52.5319, 22.2377

Background



This preview shows how black text looks on a background with the XYZ color 39.6424, 52.5319, 22.2377.



This preview shows how white text looks on a background with the XYZ color 39.6424, 52.5319,

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

39.6424, 52.5319, 22.2377

Protanopia

47.6573, 51.9425, 20.3461

Deuteranopia

52.9873, 51.8040, 22.8292



Tritanopia

48.9319, 52.5341, 67.8827

Trichromacy



Original Color

39.6424, 52.5319, 22.2377

Protanomaly

44.2820, 51.8372, 21.0363

Deuteranomaly

47.0148, 51.2400, 22.4513

Tritanomaly

44.6537, 52.1374, 46.7397

Monochromacy



Original Color

39.6424, 52.5319, 22.2377

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

41.7017, 48.1587, 37.6695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6424, 52.5319, 22.2377 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(163, 205, 108)` looks like.

```
.text, #text, p{  
    color:rgb(163, 205, 108)  
}
```

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(163, 205, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 205, 108) }
```

Border

The CSS property to change the border of an element to XYZ 39.6424, 52.5319, 22.2377 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(163, 205, 108) }
```


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

```
.border{ border-color:rgb(163, 205, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 205, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 205, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 205, 108);  
box-shadow:4px 4px 4px 4px rgb(163, 205,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6424, 52.5319, 22.2377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 205, 108) }
```

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

```
.background{ background-color: rgb(163,  
205, 108) }
```

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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