

Converting Colors

XYZ(49.1640, 53.2075, 42.3982)

Have a look what the booklet for
XYZ(49.1640, 53.2075, 42.3982)
contains.

| | |
|--|----|
| XYZ(49.1913, 53.2337, 42.3328) | 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(49.1913, 53.2337,
42.3328)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C6C2A3 |
| RGB | 198, 194, 163 |
| RGB Percent | 78%, 76%, 64% |
| CMY | 0.2235, 0.2392, 0.3608 |
| CMYK | 0.00, 0.02, 0.18, 0.22 |
| HSL | 53°, 23%, 71% |
| HSV | 53°, 18%, 78% |
| XYZ | 49.1913, 53.2337, 42.3328 |
| YIQ | 191.6620, 12.3350, -8.7930 |

Conversions

Conversions Part 2

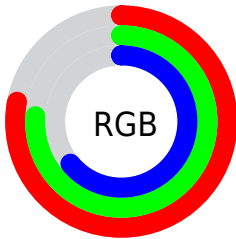
| Format | Color |
|-------------------------------------|--|
| RYB | 168, 198, 163 |
| Decimal | 13025955 |
| CIELab | 78.01, -3.79, 16.12 |
| CIELCh | 78, 16.558, 103.225 |
| Yxy | 53.2337, 0.3398, 0.3677 |
| Android (android.graphics.Color) | 4291216035 (0xFFC6C2A3) |
| YUV | 191.6620, -14.1304, 5.5584 |
| Hunter-Lab | 72.9614, -7.3361, 16.6725 |

Details

The XYZ color **49.1913, 53.2337, 42.3328** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.1158, 39.5002, 58.9889**, and the grayscale version is **49.9817, 52.5847, 57.2647**.

A 20% lighter version of the original color is **88.0805, 94.6932, 79.9649**, and **23.7489, 25.8332, 18.7735** is the 20% darker color. If you saturate the color by 10%, you get **47.0557, 51.5824, 33.5430**, and if you desaturate by 10%, it is **51.6152, 55.0161, 52.5903**.

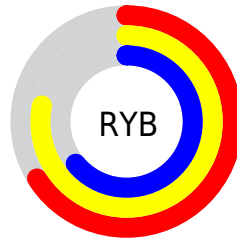
Distribution



Red (78%)

Green (76%)

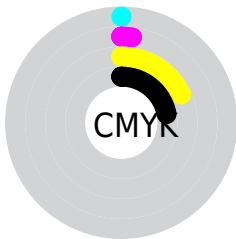
Blue (64%)



Red (66%)

Yellow (78%)

Blue (64%)

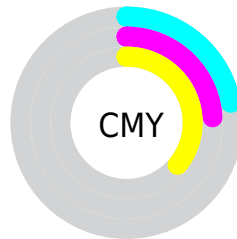


Cyan (0%)

Magenta (2%)

Yellow (18%)

Black (22%)



Cyan (22%)


Magenta (24%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.1913, 53.2337, 42.3328 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 49.1913, 53.2337, 42.3328 by changing the saturation by 10% instead.


 49.1913, 53.2337,
42.3328


 49.1913, 53.2337,
42.3328


373.9994,
399.1811, 371.7009

 34.9864, 37.9894,
29.0345


 88.1745, 94.9482,
79.9786

 23.8189, 25.9744,
18.8611


 113.6836,
122.1871, 105.1631

 15.3233, 16.8045,
11.3941


143.6914,
154.1930, 135.1467

 9.1344, 10.0952,
6.2151

178.5633,
191.3503, 170.3481

 4.8868, 5.4621,
2.9054

218.6647,
234.0433, 211.1856

 2.2150, 2.5209,
1.0465

264.3610,

 0.7507, 0.8871,

282.6566, 258.0779

0.0000

316.0174,
337.5743, 311.4435

■ 0.0000, 0.0000,
0.0000

■ 49.1913, 53.2337,
42.3328

■ 49.1913, 53.2337,
42.3328

■ 47.0557, 51.5824,
33.5430

■ 51.6152, 55.0161,
52.5903

■ 45.1912, 50.0500,
26.1497

■ 54.3353, 56.9275,
64.3757

■ 43.5853, 48.6332,
20.0808

■ 57.3643, 58.9748,
77.7497

■ 42.2227, 47.3258,
15.2562

■ 60.7129, 61.1624,
92.7689

■ 41.0867, 46.1210,
11.5874

■ 63.2434, 63.0351,
103.4414

■ 40.1582, 45.0112,
8.9742

■ 63.7891, 64.1264,
103.6233

■ 39.4148, 43.9873,
7.2992

■ 64.3426, 65.2335,
103.8078

■ 38.8243, 43.0365,
6.3927

■ 64.9040, 66.3562,
103.9950

■ 38.6964, 42.8209,
6.2258

■ 65.4733, 67.4948,
104.1847

Harmonies

Analogous

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



52.4084, 53.2337, 42.5642



49.1913, 53.2337, 42.3328



46.4670, 53.2337, 45.9584

Triad

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



49.1913, 53.2337, 42.3328



46.2107, 53.2337, 70.9989



56.7709, 53.2337, 63.2419

Complementary

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



49.1913, 53.2337, 42.3328



39.1158, 39.5002, 58.9889

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.



54.9649, 53.2337, 71.8935



49.1913, 53.2337, 42.3328



48.8279, 53.2337, 76.6876

Square

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



49.1913, 53.2337, 42.3328



44.7961, 53.2337, 62.1220



52.0293, 53.2337, 77.0314



56.8784, 53.2337, 53.9929

Rectangle

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



49.1913, 53.2337, 42.3328



45.2591, 53.2337, 50.3228



52.0293, 53.2337, 77.0314



56.3389, 53.2337, 66.3386

Sweetspot

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



49.1927, 53.2361, 42.3339



92.6020, 98.2807, 98.2908



43.3692, 40.9939, 42.2271



19.7494, 20.9854, 20.7313



0.0000, 0.0000, 0.0000



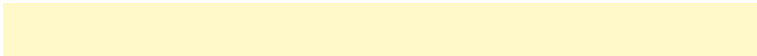
20.3446, 21.4041, 23.3091

Same Dimension

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



49.1927, 53.2361, 42.3339



85.6764, 93.1799, 69.0062



46.7126, 53.2953, 42.4761



11.4165, 12.2022, 11.3163



25.2051, 27.9274, 4.0621



1.2236, 1.3826, 0.2024

Inverse Universe

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



39.1158, 39.5002, 58.9889



64.7080, 64.5988, 103.6661



41.2897, 39.5511, 58.8842



10.1526, 10.4792, 13.4051



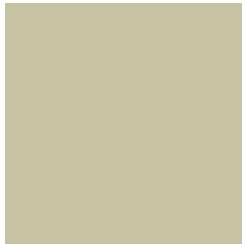
6.8555, 3.1048, 34.9823



0.3581, 0.2140, 1.6676

Previews

White Background



This preview shows how the XYZ color 49.1913, 53.2337, 42.3328 looks on a white background.

Color Contrast Check

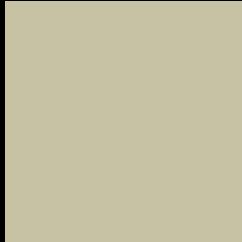
Large Text (above 18pt) WCAG AA × Fail

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 49.1913, 53.2337, 42.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

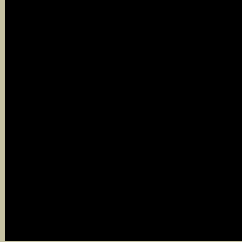
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

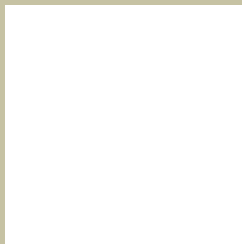
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.1913, 53.2337, 42.3328

Background



This preview shows how black text looks on a background with the XYZ color 49.1913, 53.2337, 42.3328.



This preview shows how white text looks on a background with the XYZ color 49.1913, 53.2337,

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

49.1913, 53.2337, 42.3328

Protanopia

49.9998, 53.0044, 41.7780

Deuteranopia

54.1692, 53.2066, 43.0122



Tritanopia

53.3913, 52.9747, 63.9110

Trichromacy



Original Color

49.1913, 53.2337, 42.3328

Protanomaly

49.6789, 53.1661, 41.8261

Deuteranomaly

52.3390, 53.2217, 42.6362

Tritanomaly

51.5780, 52.8753, 55.0644

Monochromacy



Original Color

49.1913, 53.2337, 42.3328

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.6586, 52.9455, 51.3183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1913, 53.2337, 42.3328 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(198, 194, 163)` looks like.

```
.text, #text, p{  
    color:rgb(198, 194, 163)  
}
```

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(198, 194, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 194, 163) }
```

Border

The CSS property to change the border of an element to XYZ 49.1913, 53.2337, 42.3328 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(198, 194, 163) }
```


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

```
.border{ border-color:rgb(198, 194, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 194, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 194, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 194, 163);  
box-shadow:4px 4px 4px 4px rgb(198, 194,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1913, 53.2337, 42.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 194, 163) }
```

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

```
.background{ background-color: rgb(198,  
194, 163) }
```

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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