

Converting Colors

XYZ(49.0020, 53.5766, 37.4644)

Have a look what the booklet for
XYZ(49.0020, 53.5766, 37.4644)
contains.

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Color

**XYZ(49.0020, 53.5766,
37.4644)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C398
RGB	200, 195, 152
RGB Percent	78%, 76%, 60%
CMY	0.2157, 0.2353, 0.4039
CMYK	0.00, 0.02, 0.24, 0.22
HSL	54°, 30%, 69%
HSV	54°, 24%, 78%
XYZ	49.0020, 53.5766, 37.4644
YIQ	191.5930, 16.7830, -12.3130

Conversions

Conversions Part 2

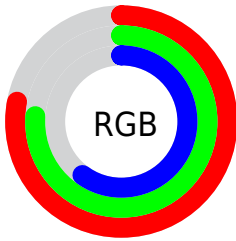
Format	Color
RYB	158, 200, 152
Decimal	13157272
CIELab	78.21, -5.17, 22.29
CIELCh	78, 22.884, 103.062
Yxy	53.5766, 0.3499, 0.3826
Android (android.graphics.Color)	4291347352 (0xFFC8C398)
YUV	191.5930, -19.5193, 7.3729
Hunter-Lab	73.1960, -8.5940, 20.8904

Details

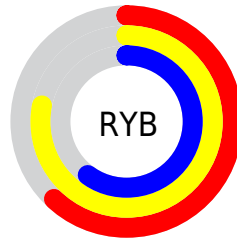
The XYZ color **49.0020, 53.5766, 37.4644** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.4310, 34.9585, 59.5240**, and the grayscale version is **49.9701, 52.5724, 57.2514**.

A 20% lighter version of the original color is **86.8778, 94.7106, 72.0945**, and **23.7279, 26.1003, 16.0992** is the 20% darker color. If you saturate the color by 10%, you get **47.0376, 52.0517, 29.3982**, and if you desaturate by 10%, it is **51.2519, 55.2298, 46.9898**.

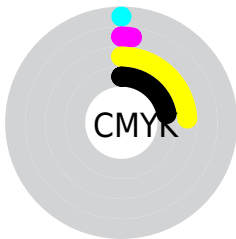
Distribution



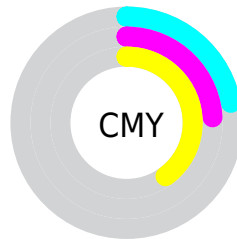
- Red (78%)
- Green (76%)
- Blue (60%)



- Red (62%)
- Yellow (78%)
- Blue (60%)



- Cyan (0%)
- Magenta (2%)
- Yellow (24%)
- Black (22%)





- Cyan (22%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.0020, 53.5766, 37.4644 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 49.0020, 53.5766, 37.4644 by changing the saturation by 10% instead.


 49.0020, 53.5766,
37.4644


 49.0020, 53.5766,
37.4644


373.2670,
400.4934, 350.5458

 34.8356, 38.2633,
25.2687


 87.8951, 95.4523,
72.4807

 23.7022, 26.1871,
16.0565


 113.3526,
122.7834, 96.1384

 15.2364, 16.9636,
9.4093


143.3044,
154.8893, 124.4539

 9.0729, 10.2086,
4.9087

178.1160,
192.1543, 157.8455

 4.8462, 5.5375,
2.1360

218.1527,
234.9628, 196.7320

 2.1911, 2.5659,
0.6371

263.7799,

 0.7381, 0.9096,

283.6992, 241.5319

0.0000

315.3629,
338.7480, 292.6636

■ 0.0000, 0.0000,
0.0000

■ 49.0020, 53.5766,
37.4644

■ 49.0020, 53.5766,
37.4644

■ 47.0376, 52.0517,
29.3982

■ 51.2519, 55.2298,
46.9898

■ 45.3407, 50.6423,
22.7150

■ 53.7962, 57.0094,
58.0387

■ 43.8976, 49.3447,
17.3364

■ 56.6481, 58.9225,
70.6760

■ 42.6917, 48.1523,
13.1754

■ 59.8193, 60.9738,
84.9616

■ 41.7045, 47.0576,
10.1340

■ 63.3204, 63.1677,
100.9522

■ 40.9143, 46.0519,
8.0991

■ 64.3020, 64.3644,
103.6422

■ 40.2953, 45.1248,
6.9340

■ 64.8111, 65.3827,
103.8120

■ 39.9771, 44.5946,
6.5006

■ 65.3270, 66.4144,
103.9839

■ 65.8495, 67.4595,
104.1581

Harmonies

Analogous

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



53.4723, 53.5766, 37.7865



49.0020, 53.5766, 37.4644



45.2683, 53.5766, 42.1134

Triad

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



49.0020, 53.5766, 37.4644



44.8888, 53.5766, 76.8408



59.6100, 53.5766, 65.8173

Complementary

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



49.0020, 53.5766, 37.4644



35.4310, 34.9585, 59.5240

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.



57.0299, 53.5766, 78.2662



49.0020, 53.5766, 37.4644



48.4559, 53.5766, 85.2419

Square

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



49.0020, 53.5766, 37.4644



42.9890, 53.5766, 64.0872



52.8935, 53.5766, 85.7988



59.7775, 53.5766, 52.9392

Rectangle

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



49.0020, 53.5766, 37.4644



43.6275, 53.5766, 47.8645



52.8935, 53.5766, 85.7988



58.9895, 53.5766, 70.2328

Sweetspot

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



49.0034, 53.5790, 37.4655



91.7183, 97.7237, 94.2642



41.1853, 37.1913, 37.1762



19.5727, 20.8760, 19.9201



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.



49.0034, 53.5790, 37.4655



82.9395, 91.3061, 56.9954



45.5192, 53.4723, 37.6286



11.4260, 12.2211, 11.3195



25.4575, 28.4322, 4.1462



1.2332, 1.4019, 0.2056

Inverse Universe

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



35.4310, 34.9585, 59.5240



55.2607, 53.3357, 101.9900



38.3183, 35.2180, 59.4219



10.1440, 10.4622, 13.4022



6.8290, 3.0519, 34.9735



0.3542, 0.2062, 1.6663

Previews

White Background



This preview shows how the XYZ color 49.0020, 53.5766, 37.4644 looks on a white background.

Color Contrast Check

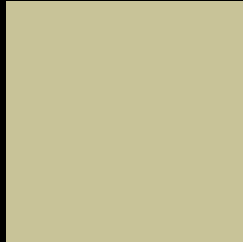
Large Text (above 18pt) WCAG AA × Fail

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 49.0020, 53.5766, 37.4644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

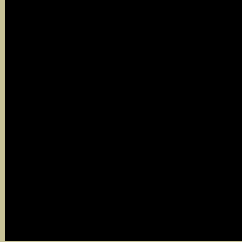
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.0020, 53.5766, 37.4644

Background



This preview shows how black text looks on a background with the XYZ color 49.0020, 53.5766, 37.4644.



This preview shows how white text looks on a background with the XYZ color 49.0020, 53.5766,

37.4644.

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

49.0020, 53.5766, 37.4644

Protanopia

50.1095, 53.4961, 36.9629

Deuteranopia

54.4430, 53.4585, 38.0209



Tritanopia

54.2163, 53.4000, 63.9496

Trichromacy



Original Color

49.0020, 53.5766, 37.4644

Protanomaly

49.7795, 53.6553, 37.0110

Deuteranomaly

52.2663, 53.2940, 37.6690

Tritanomaly

52.1844, 53.5597, 52.9350

Monochromacy



Original Color

49.0020, 53.5766, 37.4644

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.5115, 52.9164, 49.1993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0020, 53.5766, 37.4644 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(200, 195, 152)` looks like.

```
.text, #text, p{  
    color:rgb(200, 195, 152)  
}
```

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(200, 195, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 195, 152) }
```

Border

The CSS property to change the border of an element to XYZ 49.0020, 53.5766, 37.4644 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(200, 195, 152) }
```


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

```
.border{ border-color:rgb(200, 195, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 195, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 195, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 195, 152);  
box-shadow:4px 4px 4px 4px rgb(200, 195,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0020, 53.5766, 37.4644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 195, 152) }
```

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

```
.background{ background-color: rgb(200,  
195, 152) }
```

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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