

Converting Colors

XYZ(39.7627, 39.4134, 25.7620)

Have a look what the booklet for
XYZ(39.7627, 39.4134, 25.7620)
contains.

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Color

**XYZ(39.7584, 39.4887,
25.9487)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A380
RGB	196, 163, 128
RGB Percent	77%, 64%, 50%
CMY	0.2314, 0.3608, 0.4980
CMYK	0.00, 0.17, 0.35, 0.23
HSL	31°, 37%, 64%
HSV	31°, 35%, 77%
XYZ	39.7584, 39.4887, 25.9487
YIQ	168.8770, 30.9030, -3.8890

Conversions

Conversions Part 2

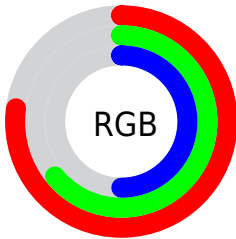
Format	Color
RYB	192, 196, 128
Decimal	12886912
CIELab	69.10, 7.11, 22.73
CIElCh	69, 23.819, 72.628
Yxy	39.4887, 0.3779, 0.3754
Android (android.graphics.Color)	4291076992 (0xFFC4A380)
YUV	168.8770, -20.1524, 23.7869
Hunter-Lab	62.8400, 2.9655, 19.5052

Details

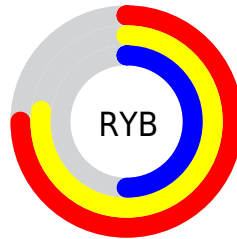
The XYZ color **39.7584, 39.4887, 25.9487** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.6103, 34.0632, 57.1333**, and the grayscale version is **37.7379, 39.7032, 43.2368**.

A 20% lighter version of the original color is **74.2849, 74.5498, 54.1904**, and **18.0802, 17.5961, 9.8406** is the 20% darker color. If you saturate the color by 10%, you get **36.9655, 35.7718, 19.2560**, and if you desaturate by 10%, it is **42.9296, 43.5630, 33.9978**.

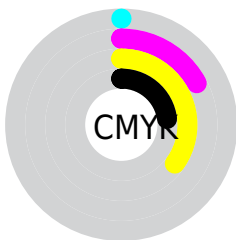
Distribution



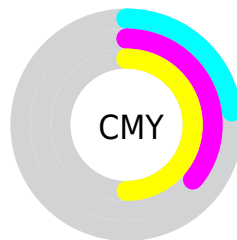
- Red (77%)
- Green (64%)
- Blue (50%)



- Red (75%)
- Yellow (77%)
- Blue (50%)



- Cyan (0%)
- Magenta (17%)
- Yellow (35%)
- Black (23%)





- Cyan (23%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7584, 39.4887, 25.9487 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 39.7584, 39.4887, 25.9487 by changing the saturation by 10% instead.


 39.7584, 39.4887,
25.9487


 39.7584, 39.4887,
25.9487


336.2561,
343.9638, 296.1276

 27.5336, 27.1401,
16.5598


 74.0822, 74.3843,
54.1752

 18.1130, 17.6785,
9.7625


 96.9118, 97.7001,
73.8500

 11.1313, 10.7194,
5.1383


 124.0071,
125.4404, 97.7905

 6.2232, 5.8785,
2.2685

155.7335,
157.9897, 126.4152

 3.0232, 2.7713,
0.7135

192.4562,
195.7322, 160.1428

 1.1661, 1.0135,
0.0000

234.5406,

 0.0793, 0.0000,

239.0525, 199.3917

0.0000

282.3522,
288.3349, 244.5804

0.0000, 0.0000,
0.0000

39.7584, 39.4887,
25.9487

39.7584, 39.4887,
25.9487

36.9655, 35.7718,
19.2560

42.9296, 43.5630,
33.9978

34.5306, 32.3955,
13.8406

46.4919, 47.9998,
43.4715

32.4361, 29.3494,
9.6185

50.4613, 52.8112,
54.4364

30.6611, 26.6206,
6.4950

54.8519, 58.0067,
66.9540

29.1818, 24.1945,
4.3604

59.6770, 63.5957,
81.0825

■ 27.9700, 22.0548,
3.0816

■ 64.9493, 69.5871,
96.8769

■ 27.4084, 21.0228,
2.6132

■ 68.9945, 75.3149,
105.5086

■ 71.7074, 80.7407,
106.4129

■ 74.5668, 86.4596,
107.3660

Harmonies

Analogous

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



43.1733, 39.4887, 30.3177



39.7584, 39.4887, 25.9487



35.9570, 39.4887, 25.6296

Triad

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



39.7584, 39.4887, 25.9487



30.8409, 39.4887, 47.7385



42.7052, 39.4887, 60.3161

Complementary

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



39.7584, 39.4887, 25.9487



31.6103, 34.0632, 57.1333

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.



39.1540, 39.4887, 66.8365



39.7584, 39.4887, 25.9487



32.4063, 39.4887, 58.7932

Square

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



39.7584, 39.4887, 25.9487



30.9785, 39.4887, 37.0427



35.3919, 39.4887, 66.2364



44.9520, 39.4887, 49.5563

Rectangle

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



39.7584, 39.4887, 25.9487



33.7271, 39.4887, 27.6629



35.3919, 39.4887, 66.2364



41.6146, 39.4887, 63.1519

Sweetspot

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



39.7594, 39.4905, 25.9495



87.3918, 90.8231, 87.4199



37.0059, 29.7831, 37.9810



18.4885, 19.1761, 18.1146



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.



39.7594, 39.4905, 25.9495



67.9409, 66.1220, 37.1574



46.4012, 52.7741, 28.1634



10.4923, 10.9161, 10.6159



17.6977, 13.6812, 1.7080



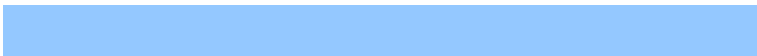
0.8335, 0.7287, 0.0967

Inverse Universe

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



31.6103, 34.0632, 57.1333



50.8683, 54.7539, 102.4953



26.5855, 24.0136, 55.4583



9.9226, 10.5366, 12.7956



9.1232, 8.0028, 34.6205



0.4632, 0.4838, 1.5188

Previews

White Background



This preview shows how the XYZ color 39.7584, 39.4887, 25.9487 looks on a white background.

Color Contrast Check

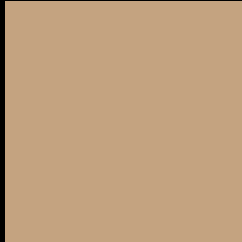
Large Text (above 18pt) WCAG AA × Fail

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 39.7584, 39.4887, 25.9487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

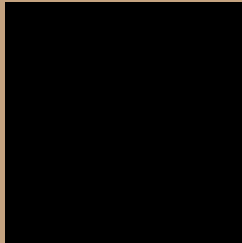
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7584, 39.4887, 25.9487

Background



This preview shows how black text looks on a background with the XYZ color 39.7584, 39.4887, 25.9487.



This preview shows how white text looks on a background with the XYZ color 39.7584, 39.4887, 25.9487.

25.9487.

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

39.7584, 39.4887, 25.9487

Protanopia

37.1071, 39.7179, 27.1833

Deuteranopia

40.3698, 39.5413, 25.9266



Tritanopia

43.1321, 39.2956, 43.3417

Trichromacy



Original Color

39.7584, 39.4887, 25.9487

Protanomaly

38.0977, 39.6882, 26.7717

Deuteranomaly

40.1053, 39.4049, 25.9142

Tritanomaly

41.8677, 39.3049, 36.3903

Monochromacy



Original Color

39.7584, 39.4887, 25.9487

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.2419, 39.5542, 36.1910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7584, 39.4887, 25.9487 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(196, 163, 128)` looks like.

```
.text, #text, p{  
    color:rgb(196, 163, 128)  
}
```

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(196, 163, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 163, 128) }
```

Border

The CSS property to change the border of an element to XYZ 39.7584, 39.4887, 25.9487 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(196, 163, 128) }
```


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

```
.border{ border-color:rgb(196, 163, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 163, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 163, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 163, 128);  
box-shadow:4px 4px 4px 4px rgb(196, 163,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7584, 39.4887, 25.9487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 163, 128) }
```

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

```
.background{ background-color: rgb(196,  
163, 128) }
```

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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