

Converting Colors

XYZ(37.5569, 36.2882, 26.4985)

Have a look what the booklet for
XYZ(37.5569, 36.2882, 26.4985)
contains.

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Color

**XYZ(37.5563, 36.2879,
26.4976)**

Conversions

Conversions Part 1

Format	Color
Hex	C09B83
RGB	192, 155, 131
RGB Percent	75%, 61%, 51%
CMY	0.2471, 0.3921, 0.4863
CMYK	0.00, 0.19, 0.32, 0.25
HSL	24°, 33%, 63%
HSV	24°, 32%, 75%
XYZ	37.5563, 36.2879, 26.4976
YIQ	163.3270, 29.7560, 0.3800

Conversions

Conversions Part 2

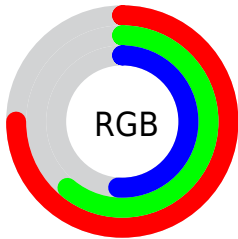
Format	Color
R _Y B	192, 171, 131
Decimal	12622723
CIE Lab	66.74, 10.27, 17.79
CIE LCh	67, 20.539, 60.004
Yxy	36.2879, 0.3743, 0.3616
Android (android.graphics.Color)	4290812803 (0xFFC09B83)
YUV	163.3270, -15.9372, 25.1462
Hunter-Lab	60.2394, 5.8669, 16.0876

Details

The XYZ color **37.5563, 36.2879, 26.4976** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.8767, 36.6351, 55.2076**, and the grayscale version is **35.0313, 36.8557, 40.1358**.

A 20% lighter version of the original color is **70.5191, 69.2014, 54.9878**, and **16.7520, 15.8131, 9.9539** is the 20% darker color. If you saturate the color by 10%, you get **34.5285, 32.1253, 19.6523**, and if you desaturate by 10%, it is **41.0141, 40.9242, 34.6768**.

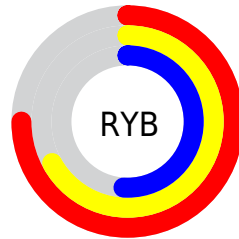
Distribution



Red (75%)

Green (61%)

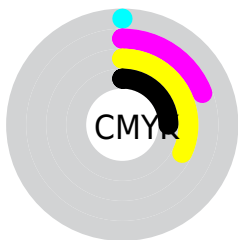
Blue (51%)



Red (75%)

Yellow (67%)

Blue (51%)

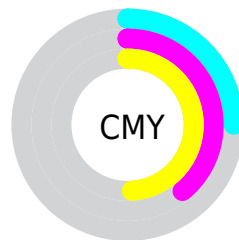


Cyan (0%)

Magenta (19%)

Yellow (32%)

Black (25%)



Cyan (25%)

Magenta (39%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5563, 36.2879, 26.4976 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 37.5563, 36.2879, 26.4976 by changing the saturation by 10% instead.

■ 37.5563, 36.2879,
26.4976

■ 37.5563, 36.2879,
26.4976

327.0266,
330.2172, 298.8991

■ 25.8141, 24.6566,
16.9672

■ 70.7358, 69.4762,
55.0705

■ 16.8166, 15.8214,
10.0494

■ 92.9039, 91.8020,
74.9501

■ 10.1983, 9.3979,
5.3257

■ 119.2781,
118.4615, 99.1165

■ 5.5939, 5.0016,
2.3775

150.2236,
149.8390, 127.9882

■ 2.6381, 2.2482,
0.7742

186.1059,
186.3189, 161.9837

■ 0.9654, 0.7461,
0.0000

227.2902,

■ 0.0000, 0.0000,

228.2856, 201.5217

0.0000

274.1420,
276.1236, 247.0207

■ 37.5563, 36.2879,
26.4976

■ 37.5563, 36.2879,
26.4976

■ 34.5285, 32.1253,
19.6523

■ 41.0141, 40.9242,
34.6768

■ 31.9092, 28.4153,
14.0665

■ 44.9164, 46.0441,
44.2541

■ 29.6792, 25.1430,
9.6622


■ 49.2805, 51.6637,
55.2923


■ 27.8165, 22.2901,
6.3512


■ 54.1218, 57.7965,
67.8498


■ 26.2962, 19.8370,
4.0332

■ 59.4551, 64.4558,
81.9816

 25.0896, 17.7620,
2.5885

 65.2944, 71.6541,
97.7402

 24.2921, 16.3142,
1.8686

 69.9327, 78.7155,
106.1155

 73.4053, 85.6606,
107.2730

 75.5482, 89.9465,
107.9873

Harmonies

Analogous

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



39.9126, 36.2879, 31.5771



37.5563, 36.2879, 26.4976



34.4902, 36.2879, 24.7846

Triad

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



37.5563, 36.2879, 26.4976



28.8682, 36.2879, 39.5124



37.5570, 36.2879, 56.2096

Complementary

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



37.5563, 36.2879, 26.4976



32.8767, 36.6351, 55.2076

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.



34.4909, 36.2879, 59.1523



37.5563, 36.2879, 26.4976



29.5832, 36.2879, 48.6744

Square

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



37.5563, 36.2879, 26.4976



29.5829, 36.2879, 31.5787



31.5964, 36.2879, 56.2110



39.9130, 36.2879, 48.6723

Rectangle

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



37.5563, 36.2879, 26.4976



32.4920, 36.2879, 25.5467



31.5964, 36.2879, 56.2110



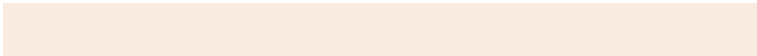
36.5694, 36.2879, 57.8151

Sweetspot

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



37.5572, 36.2896, 26.4983



82.6019, 85.0070, 83.2242



36.9802, 30.2897, 41.2454



17.4911, 17.9387, 17.2799



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



37.5572, 36.2896, 26.4983



64.2168, 60.5041, 39.2769



43.1596, 47.4944, 28.3658



10.3911, 10.7136, 10.5821



16.4171, 11.1199, 1.2811



0.7765, 0.6148, 0.0777

Inverse Universe

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



32.8767, 36.6351, 55.2076



54.4218, 61.2113, 99.3069



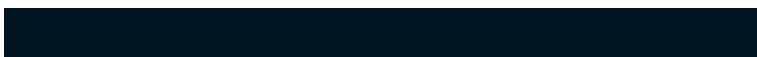
27.9801, 26.8420, 53.5755



10.0251, 10.7415, 12.8298



10.7169, 11.1903, 35.1517



0.5286, 0.6147, 1.5407

Previews

White Background



This preview shows how the XYZ color 37.5563, 36.2879, 26.4976 looks on a white background.

Color Contrast Check

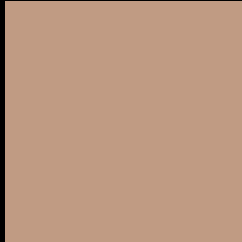
Large Text (above 18pt) WCAG AA × Fail

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 37.5563, 36.2879, 26.4976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

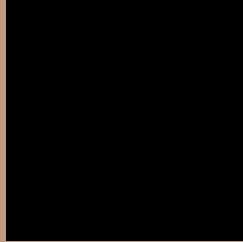
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5563, 36.2879, 26.4976

Background



This preview shows how black text looks on a background with the XYZ color 37.5563, 36.2879, 26.4976.



This preview shows how white text looks on a background with the XYZ color 37.5563, 36.2879,

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

37.5563, 36.2879, 26.4976

Protanopia

34.2367, 36.3325, 27.7627

Deuteranopia

36.9715, 36.2344, 26.5181



Tritanopia

40.0939, 36.3440, 39.0843

Trichromacy



Original Color

37.5563, 36.2879, 26.4976

Protanomaly

35.2222, 36.0734, 27.2968

Deuteranomaly

37.2204, 36.3628, 26.5297

Tritanomaly

39.0623, 36.1602, 34.1990

Monochromacy



Original Color

37.5563, 36.2879, 26.4976

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.6123, 36.3746, 34.4222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5563, 36.2879, 26.4976 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(192, 155, 131)` looks like.

```
.text, #text, p{  
    color:rgb(192, 155, 131)  
}
```

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(192, 155, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 155, 131) }
```

Border

The CSS property to change the border of an element to XYZ 37.5563, 36.2879, 26.4976 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(192, 155, 131) }
```


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

```
.border{ border-color:rgb(192, 155, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 155, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 155, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 155, 131);  
box-shadow:4px 4px 4px 4px rgb(192, 155,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5563, 36.2879, 26.4976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 155, 131) }
```

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

```
.background{ background-color: rgb(192,  
155, 131) }
```

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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