

Converting Colors

XYZ(41.3316, 38.8241, 36.9763)

Have a look what the booklet for
XYZ(41.3316, 38.8241, 36.9763)
contains.

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Color

**XYZ(41.2536, 38.7243,
36.7527)**

Conversions

Conversions Part 1

Format	Color
Hex	C59E9C
RGB	197, 158, 156
RGB Percent	77%, 62%, 61%
CMY	0.2274, 0.3804, 0.3882
CMYK	0.00, 0.20, 0.21, 0.23
HSL	3°, 26%, 69%
HSV	3°, 21%, 77%
XYZ	41.2536, 38.7243, 36.7527
YIQ	169.4330, 23.8860, 7.6460

Conversions

Conversions Part 2

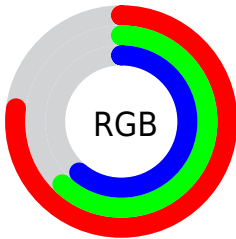
Format	Color
RYB	197, 158, 156
Decimal	12951196
CIELab	68.55, 14.12, 6.52
CIElCh	69, 15.558, 24.793
Yxy	38.7243, 0.3534, 0.3317
Android (android.graphics.Color)	4291141276 (0xFFC59E9C)
YUV	169.4330, -6.6225, 24.1763
Hunter-Lab	62.2289, 9.4332, 8.5432

Details

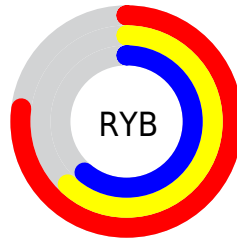
The XYZ color **41.2536, 38.7243, 36.7527** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.3031, 50.1282, 60.2172**, and the grayscale version is **37.9509, 39.9273, 43.4809**.

A 20% lighter version of the original color is **76.3002, 73.3125, 71.1020**, and **19.1352, 17.3750, 15.7098** is the 20% darker color. If you saturate the color by 10%, you get **36.7629, 32.1993, 27.6824**, and if you desaturate by 10%, it is **46.5043, 46.3357, 47.4121**.

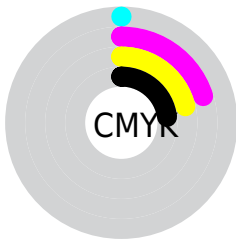
Distribution



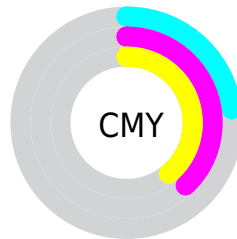
- Red (77%)
- Green (62%)
- Blue (61%)



- Red (77%)
- Yellow (62%)
- Blue (61%)



- Cyan (0%)
- Magenta (20%)
- Yellow (21%)
- Black (23%)





- Cyan (23%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2536, 38.7243, 36.7527 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 41.2536, 38.7243, 36.7527 by changing the saturation by 10% instead.


 41.2536, 38.7243,
36.7527


 41.2536, 38.7243,
36.7527


342.4239,
340.7169, 347.3750

 28.7058, 26.5453,
24.7218


 76.3410, 73.2170,
71.3743

 19.0016, 17.2320,
15.6528


 99.6113, 96.2994,
94.8022

 11.7754, 10.4001,
9.1271

127.1866,
123.7852, 122.8660

 6.6621, 5.6650,
4.7262

159.4321,
156.0586, 155.9845

 3.2961, 2.6425,
2.0316

196.7133,
193.5041, 194.5761

 1.3122, 0.9481,
0.5746

239.3954,

 0.1923, 0.0000,

236.5060, 239.0593

0.0000

287.8438,
285.4488, 289.8528

■ 0.0000, 0.0000,
0.0000

■ 41.2536, 38.7243,
36.7527

■ 41.2536, 38.7243,
36.7527

■ 36.7629, 32.1993,
27.6824

■ 46.5043, 46.3357,
47.4121

■ 32.9940, 26.7062,
20.1227

■ 52.5446, 55.0741,
59.7289

■ 29.9102, 22.1936,
13.9924

■ 59.4064, 64.9849,
73.7706

■ 27.4703, 18.6040,
9.2015

■ 67.1188, 76.1090,
89.5999

■ 25.6286, 15.8736,
5.6498

■ 75.7096, 88.4856,
107.2766

■ 24.3335, 13.9304,
3.2232

■ 76.8362, 90.6104,
108.0476

■ 23.5245, 12.6911,
1.7863

■ 23.1307, 12.0794,
1.1124

Harmonies

Analogous

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



41.7030, 38.7243, 43.4013



41.2536, 38.7243, 36.7527



39.5914, 38.7243, 32.0677

Triad

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



41.2536, 38.7243, 36.7527



33.0876, 38.7243, 34.8501



36.3801, 38.7243, 57.0880

Complementary

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



41.2536, 38.7243, 36.7527



43.3031, 50.1282, 60.2172

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.



34.1550, 38.7243, 54.1845



41.2536, 38.7243, 36.7527



32.3087, 38.7243, 40.9508

Square

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



41.2536, 38.7243, 36.7527



34.8648, 38.7243, 31.0576



32.6907, 38.7243, 48.0824



38.8186, 38.7243, 55.6456

Rectangle

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



41.2536, 38.7243, 36.7527



38.0567, 38.7243, 30.4325



32.6907, 38.7243, 48.0824



35.5836, 38.7243, 56.5791

Sweetspot

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



41.2547, 38.7261, 36.7535



88.2157, 90.1175, 94.9496



44.8370, 39.6166, 57.2901



18.7295, 19.0685, 20.0127



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.



41.2547, 38.7261, 36.7535



70.0447, 63.7790, 58.0534



44.9211, 46.0589, 37.9756



10.6748, 10.7187, 11.0690



15.2318, 7.9808, 0.7376



0.7361, 0.4076, 0.0399

Inverse Universe

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



43.3031, 50.1282, 60.2172



74.3730, 87.8772, 107.6499



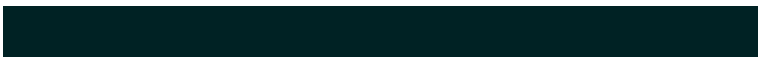
39.1448, 41.8115, 58.8311



10.9006, 11.9753, 13.6544



18.3876, 26.1691, 38.8264



0.8846, 1.2671, 1.8431

Previews

White Background



This preview shows how the XYZ color 41.2536, 38.7243, 36.7527 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 41.2536, 38.7243, 36.7527 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 41.2536, 38.7243, 36.7527

Background



This preview shows how black text looks on a background with the XYZ color 41.2536, 38.7243, 36.7527.



This preview shows how white text looks on a background with the XYZ color 41.2536, 38.7243,

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

41.2536, 38.7243, 36.7527

Protanopia

37.2650, 38.9813, 39.2783

Deuteranopia

39.5758, 38.8986, 36.4327



Tritanopia

42.2451, 38.6099, 42.2717

Trichromacy



Original Color

41.2536, 38.7243, 36.7527

Protanomaly

38.5895, 38.8779, 38.2712

Deuteranomaly

40.1471, 38.9327, 36.4091

Tritanomaly

42.0465, 38.8000, 40.3950

Monochromacy



Original Color

41.2536, 38.7243, 36.7527

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.7464, 39.1743, 40.6412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2536, 38.7243, 36.7527 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(197, 158, 156)` looks like.

```
.text, #text, p{  
    color:rgb(197, 158, 156)  
}
```

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(197, 158, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 158, 156) }
```

Border

The CSS property to change the border of an element to XYZ 41.2536, 38.7243, 36.7527 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(197, 158, 156) }
```


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

```
.border{ border-color:rgb(197, 158, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 158, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 158, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 158, 156);  
box-shadow:4px 4px 4px 4px rgb(197, 158,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2536, 38.7243, 36.7527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 158, 156) }
```

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

```
.background{ background-color: rgb(197,  
158, 156) }
```

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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