

Converting Colors

XYZ(40.5991, 38.0890, 38.4902)

Have a look what the booklet for
XYZ(40.5991, 38.0890, 38.4902)
contains.

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Color

**XYZ(40.6503, 38.1213,
38.4734)**

Conversions

Conversions Part 1

Format	Color
Hex	C29DA0
RGB	194, 157, 160
RGB Percent	76%, 62%, 63%
CMY	0.2392, 0.3843, 0.3725
CMYK	0.00, 0.19, 0.18, 0.24
HSL	355°, 23%, 69%
HSV	355°, 19%, 76%
XYZ	40.6503, 38.1213, 38.4734
YIQ	168.4050, 21.0890, 8.7770

Conversions

Conversions Part 2

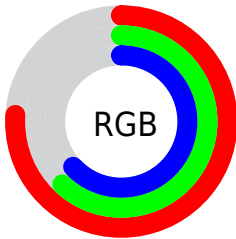
Format	Color
RYB	194, 157, 160
Decimal	12754336
CIELab	68.11, 14.17, 3.62
CIElCh	68, 14.627, 14.342
Yxy	38.1213, 0.3467, 0.3251
Android (android.graphics.Color)	4290944416 (0xFFC29DA0)
YUV	168.4050, -4.1437, 22.4468
Hunter-Lab	61.7424, 9.4724, 6.2745

Details

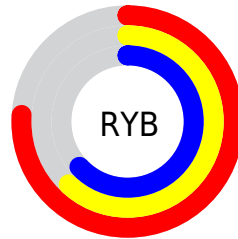
The XYZ color **40.6503, 38.1213, 38.4734** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.6019, 49.5143, 56.6044**, and the grayscale version is **37.4318, 39.3812, 42.8861**.

A 20% lighter version of the original color is **75.5929, 72.5025, 74.3002**, and **18.7296, 16.9876, 16.7598** is the 20% darker color. If you saturate the color by 10%, you get **36.1756, 31.4913, 29.8309**, and if you desaturate by 10%, it is **45.8719, 45.8865, 48.4693**.

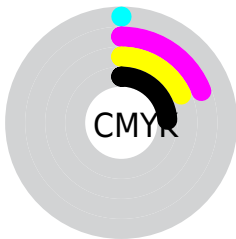
Distribution



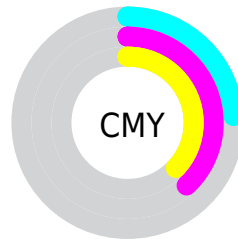
- Red (76%)
- Green (62%)
- Blue (63%)



- Red (76%)
- Yellow (62%)
- Blue (63%)



- Cyan (0%)
- Magenta (19%)
- Yellow (18%)
- Black (24%)





- Cyan (24%)
- Magenta (38%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6503, 38.1213, 38.4734 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 40.6503, 38.1213, 38.4734 by changing the saturation by 10% instead.


 40.6503, 38.1213,
38.4734


 40.6503, 38.1213,
38.4734


339.9445,
338.1400, 355.0053

 28.2324, 26.0768,
26.0456


 75.4308, 72.2940,
74.0446

 18.6423, 16.8811,
16.6317


 98.5241, 95.1911,
98.0251

 11.5145, 10.1498,
9.8131


125.9067,
122.4745, 126.6937

 6.4839, 5.4984,
5.1712

157.9437,
154.5286, 160.4687

 3.1849, 2.5425,
2.2876

195.0007,
191.7378, 199.7689

 1.2523, 0.8979,
0.7242

237.4429,

 0.1471, 0.0000,

234.4865, 245.0127

0.0000

285.6357,
283.1591, 296.6186

■ 0.0000, 0.0000,
0.0000

■ 40.6503, 38.1213,
38.4734

■ 40.6503, 38.1213,
38.4734

■ 36.1756, 31.4913,
29.8309

■ 45.8719, 45.8865,
48.4693

■ 32.4108, 25.9385,
22.4814

■ 51.8692, 54.8312,
59.8707

■ 29.3201, 21.4074,
16.3633

■ 58.6732, 65.0036,
72.7301

■ 26.8636, 17.8359,
11.4091

■ 66.3121, 76.4475,
87.0963

■ 24.9972, 15.1547,
7.5450

■ 74.8132, 89.2048,
103.0160

■ 23.6709, 13.2854,
4.6884

■ 76.0583, 90.2094,
108.0112

■ 22.8266, 12.1358,
2.7451

■ 22.3720, 11.5502,
1.5960

■ 22.3397, 11.5060,
1.5225

Harmonies

Analogous

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



40.6222, 38.1213, 44.9905



40.6503, 38.1213, 38.4734



39.4610, 38.1213, 33.3332

Triad

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



40.6503, 38.1213, 38.4734



33.2535, 38.1213, 33.1574



35.0624, 38.1213, 54.8141

Complementary

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



40.6503, 38.1213, 38.4734



42.6019, 49.5143, 56.6044

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.



33.1863, 38.1213, 50.9198



40.6503, 38.1213, 38.4734



32.1722, 38.1213, 38.2093

Square

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



40.6503, 38.1213, 38.4734



35.1576, 38.1213, 30.4895



32.1482, 38.1213, 44.6973



37.3304, 38.1213, 54.9040

Rectangle

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



40.6503, 38.1213, 38.4734



38.1654, 38.1213, 31.1842



32.1482, 38.1213, 44.6973



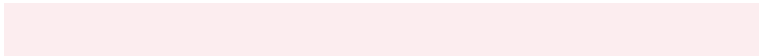
34.3672, 38.1213, 53.8897

Sweetspot

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



40.6514, 38.1230, 38.4742



86.1907, 87.7278, 93.6881



43.2606, 39.0763, 56.3018



18.7211, 18.9823, 20.2240



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.



40.6514, 38.1230, 38.4742



70.0052, 63.6631, 62.6860



43.1671, 43.5690, 38.0348



10.1056, 10.0908, 10.6465



14.7002, 7.5698, 1.0675



0.6467, 0.3317, 0.1070

Inverse Universe

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



40.6514, 38.1230, 38.4742



70.0052, 63.6631, 62.6860



39.6804, 43.1380, 57.2745



10.1056, 10.0908, 10.6465



14.7002, 7.5698, 1.0675



0.6467, 0.3317, 0.1070

Previews

White Background



This preview shows how the XYZ color 40.6503, 38.1213, 38.4734 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 40.6503, 38.1213, 38.4734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

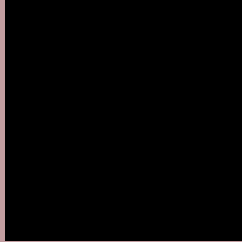
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6503, 38.1213, 38.4734

Background



This preview shows how black text looks on a background with the XYZ color 40.6503, 38.1213, 38.4734.



This preview shows how white text looks on a background with the XYZ color 40.6503, 38.1213,

38.4734.

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

40.6503, 38.1213, 38.4734

Protanopia

36.6089, 38.0619, 41.0145

Deuteranopia

39.0105, 38.3072, 38.1388



Tritanopia

41.4620, 38.2062, 42.2350

Trichromacy



Original Color

40.6503, 38.1213, 38.4734

Protanomaly

37.8913, 37.9500, 39.9783

Deuteranomaly

39.5679, 38.3362, 38.1151

Tritanomaly

41.1857, 38.0956, 40.7798

Monochromacy



Original Color

40.6503, 38.1213, 38.4734

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.1985, 38.6146, 41.0374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6503, 38.1213, 38.4734 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(194, 157, 160)` looks like.

```
.text, #text, p{  
    color:rgb(194, 157, 160)  
}
```

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(194, 157, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 157, 160) }
```

Border

The CSS property to change the border of an element to XYZ 40.6503, 38.1213, 38.4734 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(194, 157, 160) }
```


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

```
.border{ border-color:rgb(194, 157, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 157, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 157, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 157, 160);  
box-shadow:4px 4px 4px 4px rgb(194, 157,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6503, 38.1213, 38.4734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 157, 160) }
```

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

```
.background{ background-color: rgb(194,  
157, 160) }
```

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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