

Converting Colors

XYZ(52.3255, 52.9258, 40.7262)

Have a look what the booklet for
XYZ(52.3255, 52.9258, 40.7262)
contains.

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Color

**XYZ(52.3527, 52.9516,
40.7191)**

Conversions

Conversions Part 1

Format	Color
Hex	D7BCA0
RGB	215, 188, 160
RGB Percent	84%, 74%, 63%
CMY	0.1569, 0.2627, 0.3725
CMYK	0.00, 0.13, 0.26, 0.16
HSL	31°, 41%, 74%
HSV	31°, 26%, 84%
XYZ	52.3527, 52.9516, 40.7191
YIQ	192.8810, 25.0800, -2.9840

Conversions

Conversions Part 2

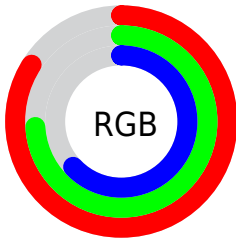
Format	Color
R_{YB}	213, 215, 160
Decimal	14138528
CIE _{Lab}	77.85, 5.35, 17.71
CIE _{LCh}	78, 18.502, 73.190
Yxy	52.9516, 0.3585, 0.3626
Android (android.graphics.Color)	4292328608 (0xFFD7BCA0)
YUV	192.8810, -16.2103, 19.3984
Hunter-Lab	72.7679, 1.0778, 17.7603

Details

The XYZ color **52.3527, 52.9516, 40.7191** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.5328, 47.9191, 71.1923**, and the grayscale version is **50.7017, 53.3422, 58.0896**.

A 20% lighter version of the original color is **85.8564, 90.8677, 77.3041**, and **25.8680, 25.8842, 17.8201** is the 20% darker color. If you saturate the color by 10%, you get **48.4600, 47.9201, 30.9310**, and if you desaturate by 10%, it is **56.7384, 58.4478, 52.2775**.

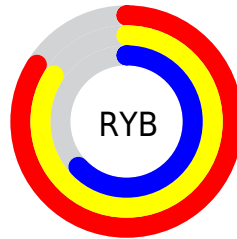
Distribution



Red (84%)

Green (74%)

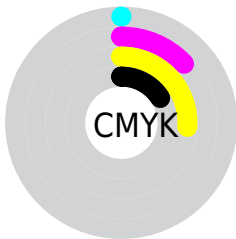
Blue (63%)



Red (84%)

Yellow (84%)

Blue (63%)

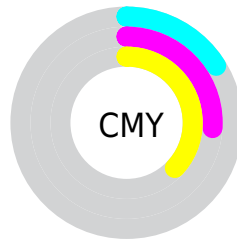


Cyan (0%)

Magenta (13%)

Yellow (26%)

Black (16%)



Cyan (16%)


Magenta (26%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3527, 52.9516, 40.7191 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 52.3527, 52.9516, 40.7191 by changing the saturation by 10% instead.


 52.3527, 52.9516,
40.7191


 52.3527, 52.9516,
40.7191


386.0984,
398.0994, 364.7870

 37.5117, 37.7641,
27.7816


 92.8223, 94.5331,
77.5063

 25.7794, 25.7997,
17.9235

 119.1817,
121.6960, 102.1931

 16.7905, 16.6738,
10.7262


150.1112,
153.6195, 131.6335

 10.1796, 10.0022,
5.7712

185.9762,
190.6879, 166.2459

 5.5814, 5.4004,
2.6399

227.1420,
233.2857, 206.4489

 2.6305, 2.4841,
0.9130

273.9741,

 0.9615, 0.8686,

281.7973, 252.6611

0.0000

326.8378,
336.6071, 305.3010

■ 0.0000, 0.0000,
0.0000

■ 52.3527, 52.9516,
40.7191

■ 52.3527, 52.9516,
40.7191

■ 48.4600, 47.9201,
30.9310

■ 56.7384, 58.4478,
52.2775

■ 45.0358, 43.3323,
22.8204

■ 61.6318, 64.4144,
65.6858

■ 42.0597, 39.1761,
16.2913

■ 67.0521, 70.8663,
81.0227

■ 39.5077, 35.4360,
11.2364

■ 73.0163, 77.8152,
98.3616

■ 37.3533, 32.0951,
7.5346

■ 77.4614, 84.4412,
106.8239

■ 35.5660, 29.1346,
5.0454

■ 80.6723, 90.8628,
107.8941

■ 34.1091, 26.5333,
3.5965

■ 81.8344, 93.1871,
108.2815

■ 33.5436, 25.4855,
3.1513

Harmonies

Analogous

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



55.5338, 52.9516, 45.1506



52.3527, 52.9516, 40.7191



48.7695, 52.9516, 40.4631

Triad

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



52.3527, 52.9516, 40.7191



43.9001, 52.9516, 62.2869



55.2050, 52.9516, 73.3111

Complementary

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



52.3527, 52.9516, 40.7191



44.5328, 47.9191, 71.1923

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.



51.9212, 52.9516, 79.1351



52.3527, 52.9516, 40.7191



45.4598, 52.9516, 72.2788

Square

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



52.3527, 52.9516, 40.7191



44.0033, 52.9516, 52.1224



48.3580, 52.9516, 78.7363



57.2334, 52.9516, 63.5665

Rectangle

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



52.3527, 52.9516, 40.7191



46.6424, 52.9516, 42.6370



48.3580, 52.9516, 78.7363



54.2047, 52.9516, 75.8414

Sweetspot

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



52.3541, 52.9540, 40.7202



88.8262, 92.5321, 91.4734



49.6188, 43.1986, 53.0183



18.7740, 19.5162, 18.9218



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.



52.3541, 52.9540, 40.7202



73.6787, 73.6070, 51.3727



58.6702, 65.5862, 42.8256



12.9407, 13.4557, 13.0759



20.1695, 15.4563, 1.9203



1.2993, 1.0978, 0.1434

Inverse Universe

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



44.5328, 47.9191, 71.1923



60.1800, 64.9178, 103.9663



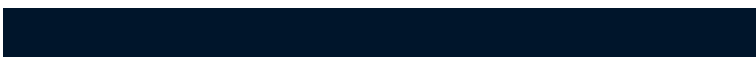
39.3344, 37.5222, 69.4595



12.2408, 13.0051, 15.8026



10.4957, 9.2531, 39.6860



0.7158, 0.7236, 2.4212

Previews

White Background



This preview shows how the XYZ color 52.3527, 52.9516, 40.7191 looks on a white background.

Color Contrast Check

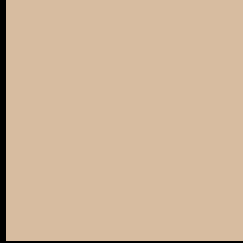
Large Text (above 18pt) WCAG AA × Fail

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 52.3527, 52.9516, 40.7191 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 52.3527, 52.9516, 40.7191

Background



This preview shows how black text looks on a background with the XYZ color 52.3527, 52.9516, 40.7191.



This preview shows how white text looks on a background with the XYZ color 52.3527, 52.9516,

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

52.3527, 52.9516, 40.7191

Protanopia

49.9998, 53.0044, 41.7780

Deuteranopia

53.9062, 52.8007, 41.0686



Tritanopia

56.2249, 52.9583, 60.0819

Trichromacy



Original Color

52.3527, 52.9516, 40.7191

Protanomaly

50.7960, 53.1002, 41.2903

Deuteranomaly

53.2053, 52.7511, 41.0960

Tritanomaly

54.9141, 53.0640, 52.6955

Monochromacy



Original Color

52.3527, 52.9516, 40.7191

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.0587, 53.0153, 51.2580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3527, 52.9516, 40.7191 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(215, 188, 160)` looks like.

```
.text, #text, p{  
    color:rgb(215, 188, 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(215, 188, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 188, 160) }
```

Border

The CSS property to change the border of an element to XYZ 52.3527, 52.9516, 40.7191 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(215, 188, 160) }
```


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

```
.border{ border-color:rgb(215, 188, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 188, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 188, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 188, 160);  
box-shadow:4px 4px 4px 4px rgb(215, 188,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3527, 52.9516, 40.7191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 188, 160) }
```

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

```
.background{ background-color: rgb(215,  
188, 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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