

Converting Colors

XYZ(42.3785, 42.1158, 39.5449)

Have a look what the booklet for
XYZ(42.3785, 42.1158, 39.5449)
contains.

XYZ(42.3592, 42.1556, 39.6225) 3
 ***Conversions* 4**
 ***Details* 6**
 ***Harmonies* 12**
 ***Previews* 24**
 ***Color Blindness Simulation* 28**
 ***CSS Examples* 31**

Color

**XYZ(42.3592, 42.1556,
39.6225)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A9A1
RGB	192, 169, 161
RGB Percent	75%, 66%, 63%
CMY	0.2471, 0.3372, 0.3686
CMYK	0.00, 0.12, 0.16, 0.25
HSL	15°, 20%, 69%
HSV	15°, 16%, 75%
XYZ	42.3592, 42.1556, 39.6225
YIQ	174.9650, 16.2760, 2.3880

Conversions

Conversions Part 2

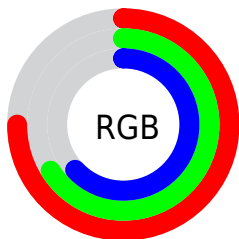
Format	Color
RYB	192, 172, 161
Decimal	12626337
CIELab	70.98, 7.02, 7.17
CIELCh	71, 10.034, 45.644
Yxy	42.1556, 0.3412, 0.3396
Android (android.graphics.Color)	4290816417 (0xFFC0A9A1)
YUV	174.9650, -6.8847, 14.9397
Hunter-Lab	64.9273, 2.8322, 9.2669

Details

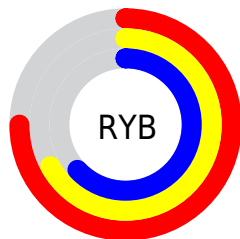
The XYZ color **42.3592, 42.1556, 39.6225** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.3526, 45.6628, 56.5038**, and the grayscale version is **40.7590, 42.8816, 46.6981**.

A 20% lighter version of the original color is **78.1172, 78.4089, 75.9830**, and **19.6570, 19.2516, 17.4318** is the 20% darker color. If you saturate the color by 10%, you get **38.2877, 36.5170, 30.5435**, and if you desaturate by 10%, it is **46.9817, 48.4793, 50.1689**.

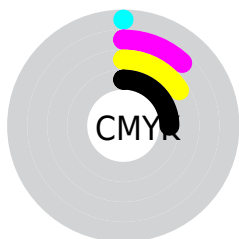
Distribution



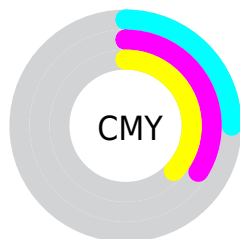
- Red (75%)
- Green (66%)
- Blue (63%)



- Red (75%)
- Yellow (67%)
- Blue (63%)



- Cyan (0%)
- Magenta (12%)
- Yellow (16%)
- Black (25%)





- Cyan (25%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3592, 42.1556, 39.6225 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 42.3592, 42.1556, 39.6225 by changing the saturation by 10% instead.

 42.3592, 42.1556,
39.6225


 42.3592, 42.1556,
39.6225


346.9362,
355.1276, 360.0346

 29.5750, 29.2231,
26.9328

 78.0047, 78.4351,
75.8191

 19.6627, 19.2497,
17.2908


 101.5968,
102.5509, 100.1631

 12.2569, 11.8508,
10.2779


129.5221,
131.1632, 129.2289

 6.9923, 6.6422,
5.4756

162.1462,
164.6566, 163.4351

 3.5036, 3.2394,
2.4653

199.8342,
203.4153, 203.2003

 1.4253, 1.2579,
0.8217

242.9517,

 0.2742, 0.1083,

247.8238, 248.9428

0.0000

291.8639,
298.2664, 301.0814

■ 0.0000, 0.0000,
0.0000

■ 42.3592, 42.1556,
39.6225

■ 42.3592, 42.1556,
39.6225

■ 38.2877, 36.5170,
30.5435

■ 46.9817, 48.4793,
50.1689

■ 34.7427, 31.5348,
22.8639

■ 52.1717, 55.5044,
62.2412

■ 31.7029, 27.1862,
16.5143

■ 57.9491, 63.2539,
75.8981

■ 29.1443, 23.4454,
11.4182

■ 64.3318, 71.7479,
91.1942

■ 27.0406, 20.2843,
7.4912

■ 71.0131, 80.8761,
106.4756

■ 25.3629, 17.6728,
4.6387

■ 75.3771, 89.6041,
107.9303

■ 24.0785, 15.5776,
2.7506

■ 75.5484, 89.9465,
107.9873

■ 23.1480, 13.9609,
1.6872

■ 22.8607, 13.4512,
1.3915

Harmonies

Analogous

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



43.2462, 42.1556, 43.4603



42.3592, 42.1556, 39.6225



40.8707, 42.1556, 37.5403

Triad

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



42.3592, 42.1556, 39.6225



37.0310, 42.1556, 43.6534



40.9414, 42.1556, 55.3568

Complementary

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



42.3592, 42.1556, 39.6225



41.3526, 45.6628, 56.5038

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.



39.2752, 42.1556, 55.4175



42.3592, 42.1556, 39.6225



37.0488, 42.1556, 48.4299

Square

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



42.3592, 42.1556, 39.6225



37.8111, 42.1556, 39.7553



37.8602, 42.1556, 52.8084



42.4123, 42.1556, 52.6479

Rectangle

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



42.3592, 42.1556, 39.6225



39.7521, 42.1556, 37.3281



37.8602, 42.1556, 52.8084



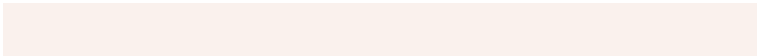
40.3848, 42.1556, 55.6936

Sweetspot

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



42.3604, 42.1575, 39.6234



86.0800, 89.1360, 93.0994



43.1615, 40.1679, 50.9637



18.3309, 18.9376, 19.6588



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.



42.3604, 42.1575, 39.6234



74.3173, 73.0266, 66.3162



45.3641, 48.1650, 40.6246



10.2799, 10.4913, 10.5451



15.4370, 9.1598, 0.9544



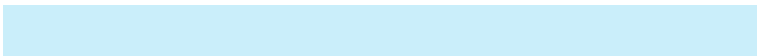
0.7249, 0.5116, 0.0605

Inverse Universe

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



41.3526, 45.6628, 56.5038



72.1805, 80.4513, 102.0846



38.3544, 39.6664, 55.5044



10.1413, 10.9740, 12.8685



13.0197, 15.7958, 35.9193



0.6156, 0.7886, 1.5696

Previews

White Background



This preview shows how the XYZ color 42.3592, 42.1556, 39.6225 looks on a white background.

Color Contrast Check

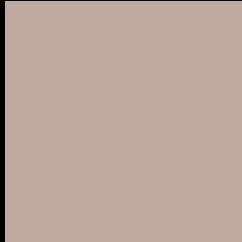
Large Text (above 18pt) WCAG AA × Fail

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 42.3592, 42.1556, 39.6225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

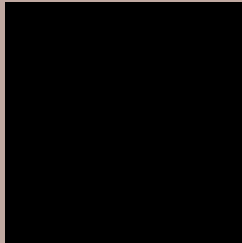
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3592, 42.1556, 39.6225

Background



This preview shows how black text looks on a background with the XYZ color 42.3592, 42.1556, 39.6225.



This preview shows how white text looks on a background with the XYZ color 42.3592, 42.1556,

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

42.3592, 42.1556, 39.6225

Protanopia

40.1448, 42.1152, 40.6635

Deuteranopia

42.9413, 42.1806, 39.5966



Tritanopia

44.0210, 41.9964, 48.4338

Trichromacy



Original Color

42.3592, 42.1556, 39.6225

Protanomaly

41.0413, 42.3040, 40.1848

Deuteranomaly

42.6838, 42.0478, 39.5846

Tritanomaly

43.2574, 41.9534, 44.8476

Monochromacy



Original Color

42.3592, 42.1556, 39.6225

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.2553, 42.6132, 44.0810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3592, 42.1556, 39.6225 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, 169, 161)` looks like.

```
.text, #text, p{  
    color:rgb(192, 169, 161)  
}
```

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, 169, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 169, 161) }
```

Border

The CSS property to change the border of an element to XYZ 42.3592, 42.1556, 39.6225 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, 169, 161) }
```


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

```
.border{ border-color:rgb(192, 169, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 169, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 169, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 169, 161); box-shadow:4px 4px 4px 4px rgb(192, 169, 161) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3592, 42.1556, 39.6225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 169, 161) }
```

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

```
.background{ background-color: rgb(192,  
169, 161) }
```

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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