

Converting Colors

XYZ(55.2452, 59.9153, 42.2102)

Have a look what the booklet for
XYZ(55.2452, 59.9153, 42.2102)
contains.

XYZ(55.1773, 59.7560, 42.3441)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.1773, 59.7560,
42.3441)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CCA1
RGB	212, 204, 161
RGB Percent	83%, 80%, 63%
CMY	0.1686, 0.2000, 0.3686
CMYK	0.00, 0.04, 0.24, 0.17
HSL	51°, 37%, 73%
HSV	51°, 24%, 83%
XYZ	55.1773, 59.7560, 42.3441
YIQ	201.4900, 18.5710, -11.6770

Conversions

Conversions Part 2

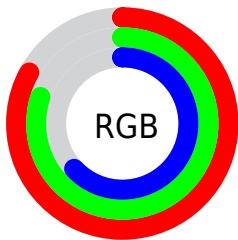
Format	Color
RYB	170, 212, 161
Decimal	13946017
CIELab	81.71, -4.04, 22.47
CIELCh	82, 22.833, 100.192
Yxy	59.7560, 0.3508, 0.3799
Android (android.graphics.Color)	4292136097 (0xFFD4CCA1)
YUV	201.4900, -19.9616, 9.2173
Hunter-Lab	77.3020, -7.8672, 21.6338

Details

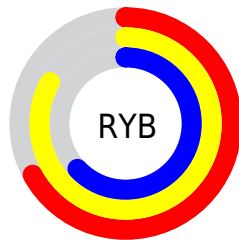
The XYZ color **55.1773, 59.7560, 42.3441** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.7694, 40.7055, 67.9959**, and the grayscale version is **55.9349, 58.8479, 64.0853**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **27.5713, 30.0849, 18.8218** is the 20% darker color. If you saturate the color by 10%, you get **52.6831, 57.5098, 33.0582**, and if you desaturate by 10%, it is **58.0085, 62.1681, 53.3077**.

Distribution



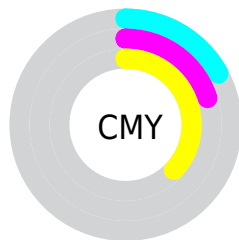
- Red (83%)
- Green (80%)
- Blue (63%)



- Red (67%)
- Yellow (83%)
- Blue (63%)



- Cyan (0%)
- Magenta (4%)
- Yellow (24%)
- Black (17%)





- Cyan (17%)
- Magenta (20%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1773, 59.7560, 42.3441 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 55.1773, 59.7560, 42.3441 by changing the saturation by 10% instead.


 55.1773, 59.7560,
42.3441


 55.1773, 59.7560,
42.3441

396.7091,
423.6978, 371.7490

 39.7781, 43.2220,
29.0432


 96.9475, 104.4756,
79.9958

 27.5490, 30.0593,
18.8677


 124.0492,
133.4301, 105.1838

 18.1247, 19.8836,
11.3989


155.7824,
167.2934, 135.1712

 11.1398, 12.3105,
6.2183

192.5125,
206.4501, 170.3767

 6.2289, 6.9555,
2.9073

234.6049,
251.2844, 211.2186

 3.0267, 3.4343,
1.0475

282.4249,

 1.1679, 1.3624,

302.1809, 258.1156

0.0000

336.3379,
359.5239, 311.4863

■ 0.0808, 0.1888,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1773, 59.7560,
42.3441

■ 55.1773, 59.7560,
42.3441

■ 52.6831, 57.5098,
33.0582

■ 58.0085, 62.1681,
53.3077

■ 50.5051, 55.4149,
25.3618

■ 61.1870, 64.7442,
66.0233

■ 48.6275, 53.4667,
19.1648

■ 64.7284, 67.4927,
80.5656

■ 47.0309, 51.6574,
14.3664

■ 68.6459, 70.4191,
97.0037

■ 45.6938, 49.9783,
10.8531

■ 70.9586, 72.7313,
104.9064

■ 44.5912, 48.4190,
8.4940

■ 71.8429, 74.4999,
105.2011

■ 43.6928, 46.9674,
7.1302

■ 72.7446, 76.3033,
105.5017

■ 43.2245, 46.1431,
6.6283

■ 73.6639, 78.1419,
105.8081

■ 74.6009, 80.0158,
106.1205

Harmonies

Analogous

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



59.9846, 59.7560, 43.2120



55.1773, 59.7560, 42.3441



51.0407, 59.7560, 46.8745

Triad

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



55.1773, 59.7560, 42.3441



50.0278, 59.7560, 83.6750



65.9385, 59.7560, 74.4476

Complementary

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



55.1773, 59.7560, 42.3441



40.7694, 40.7055, 67.9959

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.



62.9690, 59.7560, 87.4388



55.1773, 59.7560, 42.3441



53.7230, 59.7560, 93.2646

Square

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



55.1773, 59.7560, 42.3441



48.1807, 59.7560, 69.8587



58.4466, 59.7560, 94.7316



66.3822, 59.7560, 60.4941

Rectangle

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



55.1773, 59.7560, 42.3441



49.1517, 59.7560, 52.7788



58.4466, 59.7560, 94.7316



65.1950, 59.7560, 79.1217

Sweetspot

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



55.1789, 59.7587, 42.3454



91.4217, 97.1307, 94.1654



47.1053, 42.3709, 43.4791



19.5038, 20.7383, 19.8972



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.



55.1789, 59.7587, 42.3454



81.7581, 88.9431, 56.6016



52.4827, 61.2627, 42.7778



13.2993, 14.1729, 13.1954



26.7451, 28.6075, 4.1122



1.6588, 1.8167, 0.2632

Inverse Universe

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



40.7694, 40.7055, 67.9959



56.1090, 55.0322, 102.2728



42.9893, 39.7090, 67.6865



11.8983, 12.3199, 15.6884



7.7234, 3.7086, 38.7619



0.5163, 0.3245, 2.3547

Previews

White Background



This preview shows how the XYZ color 55.1773, 59.7560, 42.3441 looks on a white background.

Color Contrast Check

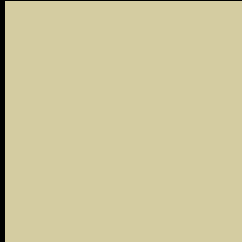
Large Text (above 18pt) WCAG AA × Fail

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 55.1773, 59.7560, 42.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

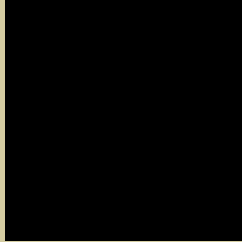
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

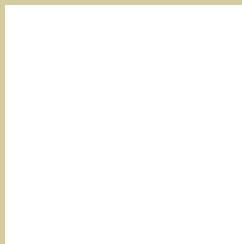
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1773, 59.7560, 42.3441

Background



This preview shows how black text looks on a background with the XYZ color 55.1773, 59.7560, 42.3441.



This preview shows how white text looks on a background with the XYZ color 55.1773, 59.7560,

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

55.1773, 59.7560, 42.3441

Protanopia

56.0200, 59.8489, 41.8571

Deuteranopia

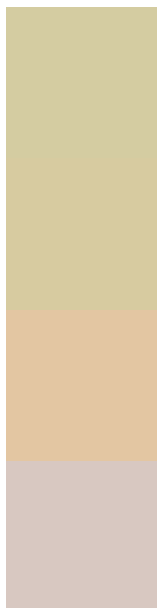
60.7180, 59.5074, 42.9362



Tritanopia

61.0633, 59.7460, 70.6011

Trichromacy



Original Color

55.1773, 59.7560, 42.3441

Protanomaly

55.7254, 59.6970, 41.8433

Deuteranomaly

58.3942, 59.3277, 42.5561

Tritanomaly

58.5988, 59.7577, 58.8980

Monochromacy



Original Color

55.1773, 59.7560, 42.3441

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.1603, 58.7654, 54.8900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1773, 59.7560, 42.3441 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(212, 204, 161) looks like.

```
.text, #text, p{  
    color:rgb(212, 204, 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(212, 204, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 204, 161) }
```

Border

The CSS property to change the border of an element to XYZ 55.1773, 59.7560, 42.3441 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(212, 204, 161) }
```


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

```
.border{ border-color:rgb(212, 204, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 204, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 204, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 204, 161);  
box-shadow:4px 4px 4px 4px rgb(212, 204,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1773, 59.7560, 42.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 204, 161) }
```

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

```
.background{ background-color: rgb(212,  
204, 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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