

Converting Colors

XYZ(55.6849, 60.4404, 38.0587)

Have a look what the booklet for
XYZ(55.6849, 60.4404, 38.0587)
contains.

XYZ(55.7361, 60.4959, 38.0174)	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(55.7361, 60.4959,
38.0174)**

Conversions

Conversions Part 1

Format	Color
Hex	D8CD97
RGB	216, 205, 151
RGB Percent	85%, 80%, 59%
CMY	0.1529, 0.1961, 0.4078
CMYK	0.00, 0.05, 0.30, 0.15
HSL	50°, 45%, 72%
HSV	50°, 30%, 85%
XYZ	55.7361, 60.4959, 38.0174
YIQ	202.1330, 23.8900, -14.4620

Conversions

Conversions Part 2

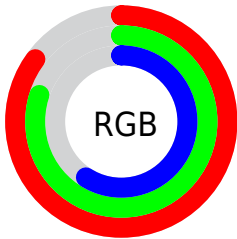
Format	Color
RYB	164, 216, 151
Decimal	14208407
CIELab	82.11, -4.37, 28.32
CIElCh	82, 28.652, 98.769
Yxy	60.4959, 0.3613, 0.3922
Android (android.graphics.Color)	4292398487 (0xFFD8CD97)
YUV	202.1330, -25.2086, 12.1614
Hunter-Lab	77.7791, -8.2013, 25.4652

Details

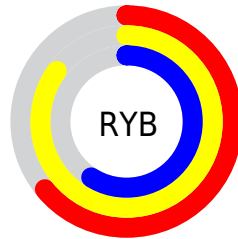
The XYZ color **55.7361, 60.4959, 38.0174** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.0772, 37.3768, 70.1734**, and the grayscale version is **56.3653, 59.3007, 64.5784**.

A 20% lighter version of the original color is **88.1406, 97.2362, 72.5155**, and **27.8641, 30.5269, 16.4803** is the 20% darker color. If you saturate the color by 10%, you get **53.2769, 58.1321, 29.3218**, and if you desaturate by 10%, it is **58.5402, 63.0346, 48.4150**.

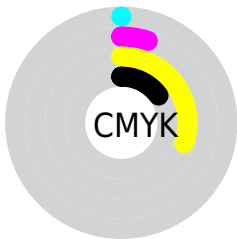
Distribution



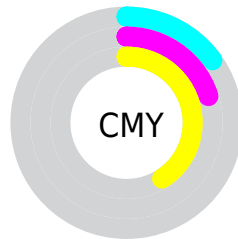
- Red (85%)
- Green (80%)
- Blue (59%)



- Red (64%)
- Yellow (85%)
- Blue (59%)



- Cyan (0%)
- Magenta (5%)
- Yellow (30%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7361, 60.4959, 38.0174 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 55.7361, 60.4959, 38.0174 by changing the saturation by 10% instead.

■ 55.7361, 60.4959,
38.0174

■ 55.7361, 60.4959,
38.0174

398.7874,
426.4232, 352.9950

■ 40.2275, 43.8185,
25.6943

■ 97.7607, 105.5487,
73.3385

■ 27.9010, 30.5278,
16.3713

■ 125.0074,
134.6929, 97.1736

■ 18.3911, 20.2396,
9.6301

156.8976,
168.7614, 125.6830

■ 11.3325, 12.5693,
5.0520

193.7965,
208.1387, 159.2854

■ 6.3599, 7.1326,
2.2185

236.0696,
253.2091, 198.3993

■ 3.1079, 3.5452,
0.6850

284.0822,

■ 1.2111, 1.4226,

304.3571, 243.4431

0.0000

338.1997,
361.9670, 294.8355

■ 0.1151, 0.2333,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7361, 60.4959,
38.0174

■ 55.7361, 60.4959,
38.0174

■ 53.2769, 58.1321,
29.3218

■ 58.5402, 63.0346,
48.4150

■ 51.1403, 55.9277,
22.2319

■ 61.7010, 65.7466,
60.5963

■ 49.3085, 53.8774,
16.6473

■ 65.2353, 68.6412,
74.6424

■ 47.7598, 51.9724,
12.4552

■ 69.1575, 71.7242,
90.6282

■ 46.4696, 50.2025,
9.5265

■ 72.8299, 74.7409,
105.1956

■ 45.4087, 48.5559,
7.7081

■ 73.8183, 76.7176,
105.5251

■ 44.5320, 47.0251,
6.7297

■ 74.8278, 78.7368,
105.8616

■ 75.8588, 80.7986,
106.2052

■ 76.9111, 82.9033,
106.5560

Harmonies

Analogous

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



61.8367, 60.4959, 39.3360



55.7361, 60.4959, 38.0174



50.4871, 60.4959, 43.0668

Triad

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



55.7361, 60.4959, 38.0174



48.8598, 60.4959, 89.1315



69.0965, 60.4959, 78.7500

Complementary

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



55.7361, 60.4959, 38.0174



38.0772, 37.3768, 70.1734

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.



65.1330, 60.4959, 95.5661



55.7361, 60.4959, 38.0174



53.3701, 60.4959, 102.2561

Square

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



55.7361, 60.4959, 38.0174



46.7047, 60.4959, 71.1055



59.2998, 60.4959, 104.7983



69.8414, 60.4959, 60.8975

Rectangle

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



55.7361, 60.4959, 38.0174



48.0734, 60.4959, 49.9941



59.2998, 60.4959, 104.7983



68.0837, 60.4959, 84.7939

Sweetspot

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



55.7376, 60.4986, 38.0187



90.3466, 96.1571, 90.1796



45.9894, 39.3742, 39.7880



19.1843, 20.4531, 18.7001



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.



55.7376, 60.4986, 38.0187



78.8736, 85.9211, 47.1717



52.7556, 63.0040, 38.6594



13.2858, 14.1457, 13.1909



26.4275, 27.9723, 4.0063



1.6424, 1.7840, 0.2578

Inverse Universe

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



38.0772, 37.3768, 70.1734



49.2609, 47.1590, 101.1140



40.3838, 35.8154, 69.7505



11.9107, 12.3448, 15.6925



7.7733, 3.8084, 38.7785



0.5221, 0.3362, 2.3567

Previews

White Background



This preview shows how the XYZ color 55.7361, 60.4959, 38.0174 looks on a white background.

Color Contrast Check

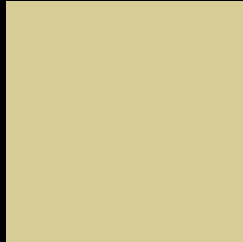
Large Text (above 18pt) WCAG AA × Fail

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 55.7361, 60.4959, 38.0174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

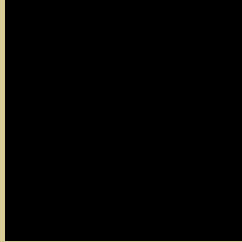
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7361, 60.4959, 38.0174

Background



This preview shows how black text looks on a background with the XYZ color 55.7361, 60.4959, 38.0174.



This preview shows how white text looks on a background with the XYZ color 55.7361, 60.4959,

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

55.7361, 60.4959, 38.0174

Protanopia

56.3922, 60.4802, 37.9798

Deuteranopia

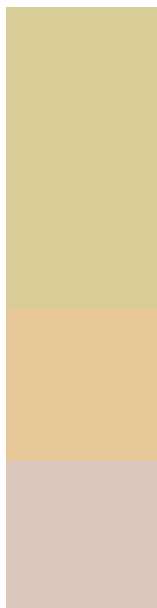
61.7653, 60.4805, 38.5555



Tritanopia

62.2813, 60.3739, 70.6581

Trichromacy



Original Color

55.7361, 60.4959, 38.0174

Protanomaly

56.0922, 60.3255, 37.9658

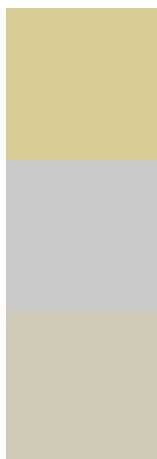
Deuteranomaly

59.3696, 60.2697, 38.2099

Tritanomaly

59.4637, 60.2419, 57.2090

Monochromacy



Original Color

55.7361, 60.4959, 38.0174

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.6353, 59.3962, 53.3321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7361, 60.4959, 38.0174 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(216, 205, 151)` looks like.

```
.text, #text, p{  
    color:rgb(216, 205, 151)  
}
```

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(216, 205, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 205, 151) }
```

Border

The CSS property to change the border of an element to XYZ 55.7361, 60.4959, 38.0174 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(216, 205, 151) }
```


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

```
.border{ border-color:rgb(216, 205, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 205, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 205, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 205, 151);  
box-shadow:4px 4px 4px 4px rgb(216, 205,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7361, 60.4959, 38.0174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 205, 151) }
```

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

```
.background{ background-color: rgb(216,  
205, 151) }
```

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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